Construction News

★Denotes work advertised in ENGINEERING NEWS.
✚Denotes contract awarded. The names of bidders awarded contracts are set in CAPITALS.

RAILWAYS

Virginia—Radford-Willis Southern Ry.—This company has been organized to construct the proposed railway from Radford to Willis, Va., about 25 miles. J. L. Vaughan is Pres., E. F. Strong, Vice-Pres. and W. L. Castle, Secy.

Georgia—Atlantic, Waycross & Northern R. R.—Preliminary arrangements are being made by this company to start work soon on the construction of its proposed line from Kingsland to Folkston, about 22 miles. L. Johnson, St. Marys, Ga., is Pres. and Gen. Mgr.

Tennessee—Nashville, Chattanooga & St. Louis Ry.—According to press reports, this company contemplates the construction of a two-mile extension from Shelbyville to Sylvan City, Tenn. Hunter McDonald, Nashville, Tenn., is Ch. Engr.

Kansas—St. Louis & San Francisco R.R.—According to press reports this company contemplates the construction of a branch line from a point south of Baxter Springs, Kan., to Miami, Okla., about 15 miles. F. G. Jonah, St. Louis, Mo., is Ch. Engr.

Arkansas—Missouri & North Arkansas R.R.—Plans are being considered by this company for the construction of a four-mile spur line from Cotton Plant, Ark., to the timber land recently purchased by Trice & Co. E. M. Wise, Harrison, Ark., is Gen. Mgr.

Arkansas—Arkansas Eastern R. R.—This company plans to extend its line from Turrell to Earle, Ark., about seven miles. F. E. Gary, Turrell, is Pres.

Texas—San Benito & Rio Grande Valley R.R.—This company contemplates the extension of its line from San Benito, Tex., to the coal fields in Zapata County. E. E. McLellan, San Benito, is Gen. Supt. and Ch. Engr.

Texas—Panhandle & New Mexico Ry.—This company is being organized for the purpose of constructing a railway from Lubbock, Tex., to Roswell, N. M., about 200 miles. Alpheus Judd, Lubbock, and J. S. Griscom, Sweetwater, Tex., are interested.

Oklahoma—Alva, Buffalo & Colorado R.R.—This company has been incorporated to construct a railway from Buffalo to Rosston, Okla., about 20 miles. The incorporators include J. H. Moran, L. A. Walton, George Stafford and L. L. Walton, all of Alva, Okla.

Oklahoma—St. Louis & San Francisco Ry.—See item under Kansas.

New Mexico—Panhandle & New Mexico Ry.—See item under Texas.

✚**Idaho**—Oregon Short Line R.R.—This company has awarded a contract to the UTAH CONSTRUCTION CO., Ogden, Utah, for the construction of a 600-ft. tunnel on its Yellowstone line near Ashton, Idaho.

✚**California**—Chowchilla-Pacific R.R.—A contract has been awarded by this company to CHADWICK & SYKES, INC., San Francisco, for the construction of a three-mile extension to its line to the new town of Robertson, Calif.

ELECTRIC RAILWAYS

Greenfield, Mass.—Plans are being considered by the Connecticut Valley St. Ry. Co. for the extension of its line on Silver St. Charles W. Clapp, Greenfield, is Ch. Engr.

Leominster, Mass.—The Worcester Consolidated St. Ry. Co. has applied to the City Council for a franchise to construct an electric railway in Leominster. H. C. Page, Worcester, is Gen. Mgr.

✚**Stratford, Conn.**—The Wilkenda Land Co., 214 Newfield Bldg., Bridgeport, has awarded the contract to FRED T. LEY CO., INC., Springfield, Mass., for the construction of the electric railway from Stratford to Lordship Manor, about three miles. William G. Smith, 51 Leavenworth St., Waterbury, is Engr.

Buffalo, N. Y.—Plans are being prepared by the International Ry. Co. for double-tracking its West Utica St. line on Ferry St. J. C. Sheldon, Buffalo, is Pur. Agt.

Geneva, N. Y.—The Geneva & Auburn Ry. Co. contemplates double-tracking its line on Exchange St. from Seneca to Lewis St. George Everill, Waterloo, N. Y., is Ch. Engr.

Atlanta, Ga.—The Georgia Ry. & Power Co. contemplates extending its line to the site of Emory University. W. H. Smaw is Pur. Agt.

Henderson, Ky.—The Henderson Traction Co. has applied to the City Council for a franchise to construct an extension to its line from Henderson to Owensboro. William A. Carson, Evansville, Ind., is Gen. Mgr. and Pur. Agt.

Kiel, Wis.—The Sheboygan Ry. & Electric Co., Sheboygan, will build an extension to Elkhart Lake, Kiel, New Holstein and Chilton. Edward Hammett is Gen. Mgr.

Little Falls, Minn.—The Minneapolis & Central Minnesota Ry. Co. is preparing plans for the construction of an electric railway from Little Falls to Pierz. E. G. Potter, Andrews Bldg., Minneapolis, is Pres.

Coffeyville, Kan.—The Union Traction Co. is considering plans for the extension of its line from Coffeyvile, Kan., to Pryor, Okla. H. A. Siggins, Coffeyville, is Secy. and Pur. Agt.

Kansas City, Mo.—The City Council has granted a franchise to the Metropolitan St. Ry. Co. to double-track its line on 67th St. from Swope Parkway to Elmwood Ave. A. E. Harvey, Kansas City, is Ch. Engr.

St. Louis, Mo.—The United Rys. of St. Louis contemplates the extension of its Fourth St. line through the Lafayette Park District. Robert McCulloch, St. Louis, is Pres., Gen. Mgr. and Pur. Agt.

Cleburne, Tex.—The Southwestern Traction Co., Temple, Tex., contemplates an extension between Cleburne and Ballinger. W. G. Haag is Gen. Mgr.

Marshall, Tex.—An application has been made by the Texas-Louisiana Traction Co. to build a street railway in Marshall.

Port Arthur, Tex.—The Pier Ry. Co. will soon begin construction on its line from Proctor St. and Austin Ave. to the end of the causeway on the pleasure piers.

Stayton, Ore.—The West Stayton Power & Ry. Co. is considering plans for its proposed railway between Salem and East Stayton. E. O. Stafter is interested.

San Francisco, Calif.—M. M. O'Shaughnessy, City Engr., is preparing plans for the extension of the municipal electric railway through Golden Gate Park. Estimated cost, $200,000.

LIGHT, HEAT AND POWER

Holyoke, Mass.—It is reported that the Municipal Gas and Electric Department will spend about $50,000 for new gas mains, to be laid by city forces.

✚**New Haven, Conn.**—The Winchester Repeating Arms Co. has awarded the contract for the construction of an addition to its gas plant on Newhall St., to the WESTINGHOUSE-CHURCH-KERR CO., New York. The work includes the building of a 150-ft. stack. The approximate cost is $9000. Noted Feb. 4.

✚**New York, N. Y.**—(Borough of Brooklyn)—(Official)—The contract for electrical equipment in new Public School 50, Driggs Ave. and South Third St., Borough of Brooklyn, has been awarded to the JANDOUS ELECTRIC EQUIPMENT CO., 109 West 31st St., New York, at $10,253. List of bidders noted Feb. 11.

New York, N. Y.—(Borough of Manhattan)—(Official)—Bids were opened Feb. 18 by the State Hospital Commission for heating, plumbing and drainage, and electrical work in new buildings at the Manhattan State Hospital, Ward's Island, (A) building for 100 male patients, (B) building for 150 male patients, (C) building for 200 patients: Heating, (A) Walker & Chambers, 222 East 41st St., New York, $11,210; Gaylord Engineering & Construction Co., Binghamton, $11,940; Tewan, Mahaney & Munro, Inc., New York, $12,334; (B) Walker & Chambers, $11,425; Gillis & Geoghegan, New York, $11,590; Philip & Paul, 166 East 120th St., New York, $11,753; (C) Walker & Chambers, $16,200; Child & Scott, New York, $17,414; Philp & Paul, $17,842. Plumbing and drainage, (A) James Harley Plumbing Co., Brooklyn, $10,045; James Harley, 16 Court St., Brooklyn, $10,471; P. F. Kenny Co., New York, $11,178; (B) James Harley Plumbing Co., $11,879; (C) $10,074; James Harley, (B) $12,242; (C) $10,996; P. F. Kenny Co., (B) $13,134; (C) $11,313. Electrical work, Lewis H. Woods, 2355 Jerome Ave., New York, (A) $4693; (B) $5043; (C) $5887; T. Frederick Jackson, Inc., 94 John St., New York, (A) $4629; (B) $5076; (C) $5843; Jandous Electric Equipment Co., 109 West 31st St., New York, (A) $4970; (B) $5296; (C) $5825.

✚**New York, N. Y.**—(Borough of Queens)—(Official)—The contract for electrical equipment in new Public School 91, Central Ave., Glendale, Borough of Queens, has been awarded to the JANDOUS ELECTRIC EQUIPMENT CO., 109 West 31st St., New York, at $9268. List of bidders noted Feb. 11.

Pleasant Valley, N. Y.—At the request of residents of Pleasant Valley, the Central Hudson Gas & Electric Co., Poughkeepsie, has prepared estimates of the cost of supplying the village with electricity. The cost of the transmission line and equipment for 40 street lamps is estimated at $10,000. F. M. Stark, Poughkeepsie, is Pur. Agt. of the Central Hudson Gas & Electric Co.

Rome, N. Y.—Bids will be received until Mar. 1 by Charles R. Mahady, Pres. Bd. of Mgrs., New York State Custodial Asylum, Rome, for heating, plumbing and electrical work for a new dormitory building. Lewis F. Pilcher, Capitol, Albany, is State Arch.

Keyport, N. J.—The Board of Public Utility Commissioners has granted the Standard Gas Co. permission to issue bonds for $22,193 to be used for extensions and improvements.

Parkersburg, W. Va.—Press reports state that the Parkersburg, Marietta & Interurban R.R. Co. will begin work this spring on a $500,000 generating station in Parkersburg to replace the present power house. Sanderson & Porter, 52 William St., New York, N. Y., is Consult. Engr.

Jackson, Miss.—A special election will be held Mar. 13 to vote on the question of issuing $160,000 in bonds to be used for the construction of a municipal electric-light and power plant. L. A. Scott is City Clk. Noted Oct. 8 and 22.

Vinton, La.—See item under "Water Supply-Irrigation."

Cleveland, Tenn.—It is reported that S. E. De Freese, Chattanooga, Tenn., will establish a gas plant at Cleveland, estimated to cost $65,000.

Cleveland, Ohio—The Cleveland Ry. Co., Leader-News Bldg., is having plans prepared for a two-story, 60x120-ft. power house, to be located at Harvard Ave. and East 49th St., Cleveland.

Covington, Ind.—(Official)—Bids will be received until 7:30 p.m., Mar. 15, by Charles A. Baldwin, City Clk., for the installation of an engine unit, a generator, exciter and switchboard, and street lighting apparatus. The estimated cost is $5500.

Mitchell, Ind.—It is reported that the city is considering the construction of a new municipal electric-light plant to replace the present one. H. A. Miller is Supt. of the plant.

Saginaw, Mich.—At a special election held Feb. 17 the citizens defeated the question of issuing bonds for the construction of a municipal electric-light plant estimated to cost $500,000. The city will enter into a five-year contract with the Saginaw Power Co. to furnish light. Noted Aug. 13 and Oct. 15, 1914; Jan. 7 and 21, 1915.

Westby, Wis.—The Light Commission, according to press reports, is considering changing the system of the municipal electric-light plant from direct- to alternating-current. L. D. Ingham is Supt.

Chapman, Kan.—It is reported that the City Council has decided to hold an election soon for the purpose of voting on the question of issuing bonds for the construction of a municipal electric-light plant.

Portis, Kan.—The citizens of Portis have voted to build a transmission line from the power plant of John Abrahams, Downs, Kan., to supply the town with light and power. The cost of the line will be about $4000, and will be provided for by a bond issue.

Lyons, Neb.—(Official)—Bids will be received until noon, Mar. 16, by M. L. Shumway, Village Clk., for the construction of a power plant, pole line and lighting system for the pumping plant and for electric lights for the village. Albert C. Arend, Brandeis Bldg., Omaha, is Consult Engr.

†North Bend, Neb.—The contract for the construction of an electric-lighting system has been awarded to HERMAN RENNAU & CO., North Bend, at $18,995. Energy for operating the plant will be obtained from Fremont. Noted Nov. 26.

Deepwater, Mo.—It is reported that work will shortly be begun on a municipal electric-light plant for the town. J. P. Davis, Windsor, Mo., is Engr.-in-Charge.

Hale, Mo.—The town is preparing to install a municipal electric-light plant. The equipment will include one 50-hp. and one 40-hp. engine, a 35-kw. and a 25-kw. generator, one three-panel switchboard and about 50 kw. in transformers. Contracts have not yet been awarded. W. B. Rollins & Co., Midland Bldg., Kansas City, Mo., is Engr.-in-Charge.

Kansas City, Mo.—It is reported that the Directors of St. Joseph's Hospital have engaged Henrici, Kent & Lowry, Reserve Bank Bldg., Kansas City, to prepare plans for the construction of a power plant for the hospital.

Fort Smith, Ark.—The Board of Municipal Commissioners is considering the establishment of a municipal electric-light and power plant, to cost about $200,000. M. H. Reed is City Engr.

Ellensburg, Wash.—It is reported that the City Council contemplates improving the municipal electric-light plant at an estimated cost of $65,000. The installation of steam equipment to develop 1300-hp. is being considered. E. L. Butler is Mgr. and Supt. of the plant.

Montesano, Wash.—The Gas Service Corporation of America plans, according to press reports, to construct four gas plants in Chehalis County, at a total cost of about $250,000. The first of these plants will be built in Montesano, costing $40,000.

†Montesano, Wash.—The Northwest Electric & Water Works has awarded the contract for the equipment of its new power plant, now under construction, to the LAMB MACHINE CO., Hoquiam, Wash. The contract includes General Electric generators, switchboards, motors, etc. Noted Dec. 24.

†Ridgefield, Wash.—A contract for the construction of a transmission line to furnish energy to the city has been awarded to NePAGE, McKENNA & CO., Seattle. The contract includes poles, overhead wires, street lamps, transformers, motors, etc. Noted Dec. 31.

Richmond, Calif.—The Standard Oil Co. is preparing to build a brick boiler house at its Richmond refinery. The estimated cost is $6000. Twenty 200-hp. boilers will be installed. E. J. Gerrard, Asst. Engr., will be in charge of the work.

Owen Sound, Ont.—It is reported that the McQuay Tanning Co. will spend about $20,000 in enlarging its boiler house and power plant, and adding new equipment.

BRIDGES

Newton, Mass.—It is reported that the Metropolitan Park Commission contemplates the construction of a bridge across the Charles River from Newton to Weston. The estimated cost is $50,000. John R. Rablin, 15 Beacon St., Boston, is Ch. Engr. of the Comn.

Williamstown, Mass.—It is reported that the town has voted an appropriation for the construction of three steel or concrete bridges.

†Pittsburgh, Penn.—(Official)—The Dravo Contracting Co., Pittsburgh, has awarded a sub-contract for the pile foundation of the Sylvan Ave. Bridge to the McARTHUR CONCRETE PILE & FOUNDATION CO., 11 Pine St., New York, N. Y. Noted Sept. 24 and Oct. 8.

Reading, Penn.—It is reported that the following bridges will be built in Berks County this year: Leaf Creek Bridge; White Bear Bridge (concrete girder design), over Hay Creek; Leesport Bridge (previously noted) over the Schuylkill River; Clover Leaf Bridge near Fleetwood; Tacony Creek Bridge in Greenwich Township, and a new bridge at the foot of Bingaman St., Reading. B. H. Davis, 17 Battery Pl., New York, is Engr.-in-Charge of the last-named bridge. C. F. Sanders is Engr. of Berks County.

Sharon, Penn.—The Board of Commissioners of Mercer County plans to construct a 175-ft. steel bridge. L. E. Burnside, Grove City, Penn., is Engr.-in-Charge.

Sunbury, Penn.—It is reported that the Commissioners of Northumberland County contemplate the construction of a bridge across the Susquehanna River between Herndon, Northumberland County, and Port Trevorton, Snyder County. The estimated cost is $250,000.

Newport, Ky.—Press reports state that the Director of Public Safety has condemned the 15th St. Bridge over the tracks of the Louisville & Nashville R.R. and the Chesapeake & Ohio Ry. on Washington St. The railway companies are said to be making plans for a new bridge. W. H. Courtenay, Louisville, Ky., is Ch. Engr., Louisville & Nashville R.R.

Barberton, Ohio—It is reported that Harry W. Alcorn, City Engr., will have plans completed about Mar. 1 for the proposed new bridge at East Tuscarawas Ave.

Bucyrus, Ohio—(Official)—The Board of Commissioners of Crawford County has given notice of its intention to build a new bridge over the Sandusky River, Dallas Township; to replace the McCurdy Bridge over the Sandusky River, Liberty Township; to build an extension to the Mary St. Bridge on the Miller Rd. in the City of Bucyrus. H. A. Biebighauser is County Audr.

Cincinnati, Ohio—(Official)—Bids will be received until noon, Mar. 19, by the Board of Commissioners of Hamilton County for the construction of a concrete culvert on Bank Lick Rd., Springfield Township. Albert Reinhardt is Clk. of Comrs.

Cleveland, Ohio—(Official)—Bids will be received until 10 a.m., Mar. 13, by the Board of Commissioners of Cuyahoga County, for the construction of a new three-hinge arch, Report No. 3480. E. G. Krause is Clk. of Comrs.

Fremont, Ohio—It is reported that bids will be asked about Mar. 1 by the Commissioners of Sandusky County for the construction of the Tindall Bridge over the Sandusky River, Ballville Township. W. F. Schepflin is County Engr. Noted Aug. 27, Oct. 1 and Dec. 10, 1914.

Hamilton, Ohio—A recent court decision has declared the contract invalid which was awarded by the Commissioners of Butler County to the A. J. Yawger Co., Indianapolis, Ind., for the construction of a reinforced-concrete bridge at Woodsdale. The contract price was about $85,000. It is reported that the work will be readvertised as soon as possible. Noted July 23, Aug. 13 and Dec. 10, 1914.

Hamilton, Ohio—Press reports state that tentative plans have been prepared for the construction of a new bridge over the Miami River at Vine St. Plans call for a new type of bridge known as webbed concrete, and the estimated cost is $200,000. The citizens will be asked to vote for a bond issue to pay for the work. Joseph Meyers is Dir. of Pub. Ser.

Lancaster, Ohio—(Official)—Bids will be received until 11:30 a.m., Mar. 4, by the Board of Commissioners of Fairfield County for the superstructures of the Mike Vought Bridge, No. 1046, over the Hocking River, Greenfield Township, and the Spangler Bridge, No. 1047, over Sycamore Creek, Violet Township. George J. Gearhart is County Audr. O. E. Myers is Clk. of Comrs.

†Lexington, Ohio—(Official)—The County Commissioners have awarded the contract for the construction of the Black Bridge, one mile from Lexington, to the BURK CONSTRUCTION CO., New Castle, Ind. Noted Feb. 11.

Lima, Ohio—Press reports state that the contract will be awarded about Mar. 15 for the construction of the Pine St. Bridge over the Ottawa River. The estimated cost of the bridge is from $30,000 to $40,000. Plans were prepared by Chester & Fleming, Union Bank Bldg., Pittsburgh, Penn. Noted Feb. 11.

Mt. Vernon, Ohio—It is reported that the Board of Commissioners of Knox County has authorized the construction of a bridge at Gambier St., Mt. Vernon. The estimated cost is $20,000.

Ponst Town, Ohio—(Official)—Bids will be received until Mar. 3 by W. W. Crawford, Audr. of Butler County, Hamilton, for the construction of a 142-ft. steel superstructure of a bridge and repairs to the abutments. The estimated cost of the work is $7413. Fred M. Hammerle, Hamilton, is County Surv. Noted Feb. 11.

Tiffin, Ohio—The Board of Commissioners of Seneca County has ordered plans prepared for two bridges across Honey Creek at Bloomville and Melmore. Each will be a 100-ft. span.

Tiffin, Ohio—Bids will be received until Mar. 6 by the Board of Commissioners of Seneca County, for the construction of 28 small bridges in the county. The estimated cost is $7360.

Warren, Ohio—Plans have been prepared for a new bridge over the Mahoning River at Summit St. It is estimated that the bridge will cost at least $34,000, of which Trumbull County will pay $18,000, and the city the remainder. The structure will be 325 ft. long and 43 ft. wide. B. F. McKee, Jr., is City Engr.

Greenfield, Ind.—(Official)—Bids will be received until 10 a.m., Mar. 1, by the Commissioners of Hancock County for the construction of a number of bridges. Lawrence Wood is County Audr.

Indianapolis, Ind.—The County Council of Marion County has been asked to approve an appropriation of $120,000 for bridge construction this year, of which $75,000 is for a bridge over Fall Creek at Shriver Ave.

Rensselaer, Ind.—(Official)—Bids will be received until 2 p.m., Mar. 2, by the Commissioners of Jasper County for the construction of six bridges. J. P. Hammond is County Audr.

McLeansboro, Ill.—(Official)—Bids will be received until 1 p.m., Mar. 15, by the County Superintendent of Highways, Court House, McLeansboro, for the construction of a steel bridge on reinforced-concrete abutments, Mayberry Township, Hamilton County. The estimated cost is $5600. Gregg Garrison, Garrison, Ill., is County Supt. of Highways.

Peoria, Ill.—Plans are being prepared for the construction of a 1600-ft. bridge at South Adams St. It will be of steel on concrete pedestals, and will have 25 spans. The estimated cost is $109,000. Hedrick & Cochrane, 118 McGee St., Kansas City, Mo., is Consult. Engr.

Racine, Wis.—(Official)—We are advised by James Mutter, Highway Comr. of Racine County, that plans for the proposed bridge at Mt. Pleasant are not yet completed, and that the work will probably not be advertised for some time. Noted Jan. 7.

Anamosa, Iowa—Bids will be received until 10 a.m., Mar. 2, by the Board of Supervisors of Jones County, for the construction of three bridges and two concrete box culverts in the county. E. J. Hines is County Audr.

Sioux City, Iowa—The Board of Supervisors of Woodbury County has appropriated $18,000 for the construction of 26 bridges during the coming summer.

†International Falls, Minn.—The Board of Commissioners of Koochiching County has awarded the contract for the construction of a reinforced-concrete bridge over the Little Fork River in the Harrington District to the ILLINOIS STEEL & BRIDGE CO., Chicago, Ill., at $5990.

Garfield, Kan.—Bids will be received until noon, Mar. 15, by the Board of Commissioners of Pawnee County, Larned, for the construction of a reinforced-concrete bridge over the Arkansas River at Garfield. Alternate plans call for either a 300-ft. six arch bridge or a six-span flat top bridge. Noted Oct. 22 and Dec. 24.

Lawrence, Kan.—Preliminary plans have been prepared for the construction of a 198-ft. reinforced-concrete bridge over the Kaw River. It will cost about $200,000. H. Broeker is Clk. of Douglas County.

†Salina, Kan.—The contract for the construction of the concrete bridge across the Smoky Hill River at Iron Ave. has been awarded to the CONCRETE CONSTRUCTION CO., Kansas City, Mo. The bridge will have a roadway of 53 ft., and two sidewalks of 8½ ft. each. The total cost of the bridge will be about $28,500. List of bidders noted Feb. 18.

Omaha, Neb.—It is reported that the Missouri Pacific Ry. has entered into an agreement with the City Commissioners to build a viaduct over its tracks on Locust St. at once. Construction work will begin not later than Mar. 15, according to press reports.

Wayne, Neb.—(Official)—All bids opened Jan. 19 by the Commissioners of Wayne County for the construction of culverts during 1915 were rejected. No time has been set for receiving new bids. Charles W. Reynolds is County Clk.

Parker, S. D.—Bids will be received until 1 p.m., Mar. 2, by O. M. Rasmussen, Audr. of Turner County, for bridge construction during 1915.

†Sheridan, Wyo.—The Board of Commissioners of Sheridan County has awarded the contract for the construction of a bridge over the Powder River to the GREGG-STOUT CO., at $4980.

Joplin, Mo.—Press reports state that the city and the Kansas City Southern Ry. have decided to build a new viaduct on North Main St. The estimated cost is $23,500, of which the city will pay $10,000 and the railway company the remainder. J. B. Hodgdon is Comr. of Sts. and Pub. Imp.

†Tucumcari, N. M.—(Official)—The Board of Commissioners of Quay County has awarded the contract for the construction of a wooden pile bridge across Tucumcari Creek to the MISSOURI VALLEY BRIDGE & IRON CO., Leavenworth, Kan., at $3239. The engineer's estimate was $4000. Noted Jan. 21 and Feb. 4.

†Pima, Ariz.—(Official)—The Supervisors of Graham County, Solomonsville, have awarded the contract for the construction of a bridge over the Gila River, about one mile from Pima, to the EL PASO BRIDGE & IRON CO., El Paso, Tex., at $15,350. Noted Nov. 19 and Jan. 28.

†Famoso, Calif.—(Official)—The Board of Supervisors of Kern County has awarded the contract for the construction of a bridge over Poso Creek near Famoso to M. HART & C. M. HART, Bakersfield, at $4469. Fourteen other bids were received. Noted Dec. 24 and Feb. 4.

†Kerrwood, Ont.—(Official)—The Township Council has awarded the contract for the construction of a steel bridge over Steer's Creek to RICHARD WALTHAM, Kerrwood. Noted Feb. 4.

Lambton, Ont.—It is reported that bids will soon be asked for the construction of a 650-ft. bridge at Lambton for the Toronto Suburban St. Ry. and the Canadian Pacific Ry. E. T. Wilkie, 9 Toronto St., Toronto, is Engr.

Calgary, Alta.—(Official)—We are advised by J. M. Miller, City Clk., that the time for receiving bids for furnishing and erecting about $40,000 worth of steel for the superstructure of the Ninth St. Bridge across the Bow River has been extended to Mar. 12 from Feb. 12. Noted Jan. 14.

WATER SUPPLY—IRRIGATION

Boston, Mass.—Bids will be received by D. Frank Doherty, Supt. of Supplies, until Feb. 26 for 84,500 lb. c.-i. special castings and for 12 20x12-in. semi-steel special castings branches.

Spencer, Mass.—The cement lined pipe in Main St. will be replaced by c.-i. pipe.

Newport, R. I.—The construction of a new impounding reservoir is under consideration. E. W. Kent is Gen. Mgr. and Engr.

Ballston Spa, N. Y.—An election will be held to vote on the question of issuing $10,000 in bonds, the proceeds of which will be used for the purchase of water meters.

Geneva, N. Y.—The citizens contemplate installing a 4,000,000-gal. pump at the water-works. H. K. Seybold is Supt. of Water-Works.

Le Roy, N. Y.—An election will be held Mar. 4 to vote on the question of issuing $110,000 in bonds, the proceeds of which will be used for the construction of a water system. Plans have been prepared by J. P. Wells, Rochester. Noted Dec. 3 and 17.

Lewiston, N. Y.—Alonzo Peabody, Buffalo, has been engaged to prepare plans for the construction of a water system. An election will be held Mar. 16 to vote bonds.

Madrid, N. Y.—The State Conservation Commission has approved plans for the construction of a municipal water system at Madrid. The estimated cost is $22,000.

††Mt. Morris, N. Y.—The contract has been awarded, according to press reports, to McCARTHY & WALL, Mt. Morris, at $14,114, for constructing a new distributing system. Noted Feb. 4.

Oneida, N. Y.—According to press reports a survey will be made for the construction of a pipe line to Florence Creek. The estimated cost is $500,000. J. M. Hutton is City Engr.

Port Henry, N. Y.—The Conservation Commission has granted permission to the village to make improvements to its water system.

Bordentown, N. J.—The construction of a storage reservoir and a standpipe is under consideration by the Board of City Commissioners.

Brielle, N. J.—The Board of Township Commissioners has granted the Sea Girt Water Co. a 50-year franchise for the installation of water lines throughout the township. The company plans to lay a pipe in the Manasquan Turnpike. Charles L. Noble is Pres.

Clinton, N. J.—Bids will be received until 10:30 a.m., Mar. 5, by the Board of Managers, New Jersey State Reformatory for Women, for making extensions to the water system at the reformatory.

Hawthorne, N. J.—Bids were received Jan. 29 by the Borough Commissioners for c.-i. pipe as follows: R. D. Wood & Co., Philadelphia, Penn., $44,463; John Fox & Co., New York, N. Y., $45,552; U. S. Cast Iron Pipe & Foundry Co., Philadelphia, Penn., $45,208; Standard Cast Iron Pipe & Foundry Co., Bristol, Penn., $47,199; Warren Foundry Co., Phillipsburg, $49,398; and the Central Foundry Co., New York, N. Y., $50,170. Noted Jan. 21.

Peapack, N. J.—Press reports state that the towns Peapack and Gladstone contemplate purchasing the plant of the Bedminister Water Co. F. S. Tainter is Borough Engr.

Alburtis, Penn.—At the last meeting of the Borough Council it was decided to take up with the State Health Department plans for the construction of a water system. A. K. Snyder is Burgess.

†Pittsburgh, Penn.—The contract has been awarded to BOOTH & FLINN, LTD., Pittsburgh, at $10,212, for laying two 24-in. steel pipe lines across the North Side Point Bridge.

Wilson, N. C.—The Legislature has been petitioned by the city for authority to issue bonds for $95,000 for the construction of a water system. T. A. Hinnant is City Clk.

Woodruff, S. C.—The J. B. McCrary Co., Atlanta, Ga., has been retained by the city to prepare plans for the construction of a water system. Bonds for $37,000 have been voted. Noted July 30.

Decatur, Ga.—An election will be held Mar. 20 to vote on the question of issuing $7000 in bonds, the proceeds of which will be used for the extension of the water system. F. T. Hopkins is Mayor.

†Clearwater, Fla.—(Official)—The contract has been awarded to the GENERAL PIPE & FOUNDRY CO., Atlanta, Ga., at $3219, for c.-i. pipe and specials. Noted Jan. 14 and Feb. 11.

Palmetto, Fla.—According to press reports, the citizens contemplate constructing a water system. T. S. Polard is Clk.

††Tampa, Fla.—(Official)—The contract has been awarded to McMURKEN & HYER, Tampa, at $28,463, for constructing a reinforced-concrete reservoir. Noted July 16, Jan. 7 and 21.

Notasulga, Ala.—Bids will be received until Mar. 2 for the construction of a water system. The work includes three miles of c.-i. pipe, an 80,000-gal. tank on a tower, an 80,000-gal. reservoir, a power house, gas engine and boring a well. Edgar B. Kay, Tuscaloosa, is Engr.

Phœnix, Ala.—Bonds for $15,000 have been voted by the citizens, the proceeds of which will be used for the construction of a water system. W. Ross Harrison is Mayor. Noted June 11.

Bastrop, La.—Bonds for $16,000 have been voted by the citizens, the proceeds of which will be used for the extension of the water system.

Vinton, La.—The Vinton Ice, Light & Water Co., recently incorporated with a capital of $20,000, will build a water system, an electric-light plant and an ice plant.

Columbus, Ohio—The Bourbon Copper & Brass Co., Cincinnati, at $5517, was low bidder for valves and valve boxes for the water department.

East Youngstown, Ohio—(Official)—Chester & Fleming, Engr., Pittsburgh, Penn., has prepared plans and has submitted them to the Town Council for the construction of a water system and a filtration plant.

Elyria, Ohio—Bids will be received until Mar. 3 by the Board of County Commissioners for constructing a steel water tank and tower for fire protection at the County Infirmary. F. L. Ellenberger is Clk. of Bd.

Mingo, Ohio—(Official)—At an election held recently the citizens voted against the question of issuing bonds, the proceeds of which was to have been used for purchase and improvement of the water system. Noted Jan. 28.

Shadyside, Ohio—At an election held Feb. 9 the citizens voted in favor of issuing $45,000 in bonds, the proceeds of which will be used for the construction of a municipal water system. Noted Dec. 24 and Jan. 21.

✚Shaker Heights, Ohio (Cleveland post office)—(Official)—The contract for constructing a water main in South Moreland Ave. has been awarded to ASPHALT BLOCK PAVEMENT CO., Toledo, at $70,000. C. A. Palmer is City Clk. Bids opened Feb. 16. Noted Dec. 31 and Jan. 28.

Toledo, Ohio—Bids will be received by A. W. Bordman, Dir. of Pub. Ser., until noon, Mar. 9, for constructing and equipping the high-pressure fire service pumping station. The William J. Sherman Co., Toledo, is Engr. Noted July 9 and Jan. 7.

✚Ann Arbor, Mich.—(Official)—Bids were received Feb. 15 by Manley Osgood for driving a well 16 ft. in diameter and 23 ft. deep, as follows: E. P. Deckert Co., Detroit, Mich., $7126; Benjamin Douglass Construction Co., Detroit, $4850; J. H. BAER, Port Huron, at $4488 (awarded contract); Candler Dock & Dredge Co., Detroit, $5135; Ginzel & Towler, Detroit, $5700; Robert H. Kersey, South Bend, Ind., $4985; Hutzel & Co., Ann Arbor, $7346, and Edward N. Walsh, Ann Arbor, $5500. Noted Dec. 10 and Feb. 11.

✚Saginaw, Mich.—The contract has been awarded to the MASSILLON IRON & STEEL CO., Massillon, Ohio, for c.-i. pipe and specials for the water department. Noted Mar. 19, 1914.

Schoolcraft, Mich.—Bids will be received until Mar. 1 by Smith & Boulay, Consult. Engr., Toledo, Ohio, for constructing a water system. The estimated cost is $22,000. Noted Jan. 28.

✚Anna, Ill.—The contract has been awarded to T. C. BROOKS & SONS, Jackson, Mich., at $6320 for laying water mains. Bids were opened Feb. 3. Noted Dec. 31 and Jan. 14.

★Chicago, Ill.—(Official)—Bids will be received until 11 a.m., Mar. 12, by the City of Chicago for five pumping engines to be erected at the Mayfair pumping station. L. E. McGann is Comr. of Pub. Wks. For details see advertisement under "Contracts To Be Let."

Viola, Ill.—(Official)—Bids will be received until Mar. 1 by R. D. Baxter for the purchase of $12,000 in bonds, the proceeds of which will be used for the construction of a water system. Noted Oct. 8.

Melrose, Wis.—An election will be held Apr. 6 to vote on the question of issuing bonds, the proceeds of which will be used for the construction of a municipal water system.

Linn Grove, Iowa—Bonds for $9000 have been voted by the citizens, the proceeds of which will be used for the construction of a water system. C. A. Fulton is City Clk. Noted Jan. 14.

Low Moor, Iowa—The Iowa Engineering Co., Clinton, is preparing plans for the installation of a water system.

Cloquet, Minn.—(Official)—Bids will be received until 8 p.m., Mar. 2, by J. A. Parks, City Clk., for constructing a concrete reservoir at the Spring Lake pumping station.

Minneapolis, Minn.—(Official)—Bids will be received until 3 p.m., Feb. 25, by K. E. Alexander, Pur. Agt., for c.-i. water pipe, valves, hydrants and corporation cocks for the year 1915.

New Ulm, Minn.—Bids will be received until 5 p.m., Mar. 2, by William Backer, City Clk., for a well casing, depth of well, 364½ ft., and a deep-well pump head.

South Stillwater, Minn.—Bids will be received until 6 p.m., Mar. 2, by Oscar Hunke, Recdr., for making extensions to the water system as follows: concrete reservoir, pumping machinery and laying pipe.

McCune, Kan.—Bids will be received about Mar. 20 for the construction of a water system. Henrici, Kent & Lowry Engineering Co., Reserve National Bank Bldg., Kansas City, Mo., is Engr. Noted Aug. 13, 1914.

✚Wellington, Kan.—Contracts have been awarded by the City Commissioners as follows: WESTINGHOUSE ELECTRIC & MFG. CO., at $30,700, for 400-kw. power factor turbo alternator units with attachments; MURRAY IRON WORKS, at $8400, for three 200-hp. boilers and superheaters; and to HENRY R. WORTHINGTON, at $8700, for pumps, feed water heater and piping. Noted Dec. 10.

Ceresco, Neb.—Grant & Fulton, Lincoln, Neb., is preparing plans for the construction of a water system. The estimated cost is $10,000.

Lyons, Neb.—(Official)—See item under "Light, Heat and Power."

Caruthersville, Mo.—Bids will soon be received for the improvement of the water system. Bonds for $30,000 have been voted for this purpose. Frank L. Wilcox, Syndicate Bldg., St. Louis, is Consult. Engr. Noted Oct. 29.

Kennett, Mo.—An election will be held Mar. 2 to vote on the question of issuing $7000 in bonds, the proceeds of which will be used for the extension of the water system. Clyde Oakes is Mayor.

✚St. Louis, Mo.—The contract has been awarded, according to press reports, to the JAMES CAMERON CO., Pittsburgh, Penn., at $42,000, for a centrifugal pump and a turbine engine for the water-works. Noted Feb. 18.

Corpus Christi, Tex.—A bond issue of $900,000 has been approved by the State Attorney General, the proceeds of which will be used for enlargement of the water system.

Lott, Tex.—Bonds have been voted, the proceeds of which will be used for the construction of a municipal water system.

Jennings, Okla.—Plans will be prepared by A. McEarlant, Tulsa, for the installation of a water system estimated to cost $25,000.

✚Rocky Ford, Colo.—The contract has been awarded to MISHON & MELLARD, Pueblo, for enlarging reservoirs Nos. 2 and 5. Noted Apr. 23, 1914.

✚Milwaukee, Ore.—The contract for laying water mains from Milwaukee to the Portland water system has been awarded by the City Council to GIEBISCH & JOPLIN, Portland, at $16,400. List of bidders noted Jan. 14.

SEWERS

Boston, Mass.—Bids will be received until Mar. 1 by the Public Works Department for laying pipe sewers and drains in Bruce, Dunbar and Weld St., West Roxbury District. L. K. Rourke is Comr. of Pub. Wks.

Boston, Mass.—Bids will be received until Mar. 2 by the Public Works Department for constructing pipe sewers and drains in Saybrook St., Brighton District. L. K. Rourke is Comr. of Pub. Wks.

Lexington, Mass.—At an election held Feb. 10 bonds for $100,000 were voted, the proceeds of which will be used for the construction of a sewer system. George E. Briggs is Chn. of the Water and Sewer Bd.

Marlboro, Mass.—The Board of Aldermen has appropriated $500 to investigate the extension of the sewer system for which the preliminary estimate is about $30,000.

Williamstown, Mass.—It is reported that the construction of an intercepting sewer will be commenced this year.

Worcester, Mass.—Bids will be received until noon, Feb. 27, for supplies for the Sewer Department for 1915. The following items will be included: 500,000 brick, 2500 tons lime, 50,000 ft. vitrified pipe and 160,000 lb. of castings. M. Gault is Supt. of Sewers.

Greenwich, Conn.—At a recent election the citizens authorized the construction of a sewer system and a sewage disposal plant. The estimated cost is $106,800. Clyde Potts, 30 Church St., New York, N. Y., is Engr.

Brookfield, N. Y.—(Official)—Plans have been approved by the Division of Sanitary Engineering of the State Department of Health for sewerage work and a sewage disposal plant.

New York, N. Y.—(Borough of Manhattan)—(Official)—Bids will be received until 2 p.m., Mar. 22, by the Commissioner of Public Works, Municipal Bldg., for altering, constructing and improving sanitary and storm sewers.

New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received by L. H. Pounds, Borough Pres., Borough Hall, until 11 a.m., Mar. 17, for installing mechanical equipment in pumping station at Ave. U and Ocean Parkway, and constructing sanitary and storm water sewers in that section.

✚New York, N. Y.—(Borough of Brooklyn)—(Official)—Contracts have been awarded to NEWMAN & CAREY, at $159,630, for constructing sewers in Prospect Pl. and to the J. F. COGAN CO., at $287,437, for constructing sewers in Macon St.

Saranac Lake, N. Y.—(Official)—The Division of Sanitary Engineering of the State Department of Health has approved plans for sewerage work and a sewage disposal plant.

Saugerties, N. Y.—(Official)—Plans have been approved by the Division of Sanitary Engineering of the State Department of Health for sewerage work and a sewage disposal plant.

Scarsdale, N. Y.—(Official)—Plans have been approved by the Division of Sanitary Engineering of the State Department of Health for sewerage work and a sewage disposal plant.

Suffern, N. Y.—(Official)—Plans have been approved by the Division of Sanitary Engineering of the State Department of Health for sewerage work and a sewage disposal plant. Noted Sept. 24, 1914.

Princeton, N. J.—The Department of Public Works plans to extend the sewer system from Ewing St. to the sewer field on the Gulick farm. George Brown is Supt.

Greenville, Penn.—(Official)—Plans have been prepared by Chester & Fleming, Engr., Pittsburgh, for the construction of a sewage-disposal plant and intercepting sewers. The estimated cost is $50,000. Noted Sept. 24.

Harrisburg, Penn.—David D. Elder, Elizabethville, was low bidder, at $7643, for constructing sewers in Market Sq. and Market St. and for improving the drainage system.

✚✚Philadelphia, Penn.—Contracts have been awarded to the KEYSTONE STATE CONSTRUCTION CO., at $121,000, and to A. JAFOLI, at $79,000, for constructing the Indiana Ave. sewer from Third to Seventh St. and from Seventh to Tenth St., respectively. Noted Jan. 21.

★Pittsburgh, Penn.—See item under "Streets and Roads."

★Baltimore, Md.—(Official)—Bids will be received until 11 a.m., Mar. 10, by the Board of Awards for constructing Gwynn's Run trunk drain, Section No. 1, storm water contract No. 42. John Hubert is Pres. Bd. of Awards. For details see advertisement under "Contracts to Be Let."

Columbus, Ohio—Press reports state that a territorial system of sewers will be constructed in the Driving Park Section. This system will be connected with the proposed $250,000 storm sewer for the South Side.

Dayton, Ohio—Bids will be received until Mar. 16 by Hugh E. Wall, City Accountant, for the sale of $40,300 in bonds for constructing storm sewers in various streets.

Kent, Ohio—(Official)—Bids will be received until Mar. 8 for constructing a sewage disposal plant. R. T. Bailey, Rockwell Bldg., Kent, is Engr.

Springfield, Ohio—The City Council plans to construct storm sewers in Scioto and South Main St. M. J. Bahin is City Engr.

Alton, Ill.—Bonds for $86,400 were sold Feb. 8, the proceeds of which will be used for constructing a sewer in the Upper Alton District.

Galesburg, Ill.—The Illinois State Rivers and Lakes Commission has authorized the reconstruction of the sewage-disposal system at Galesburg. The estimated cost is $1,000,000.

Caruthersville, Mo.—Press reports state that at a recent election the citizens voted in favor of issuing $32,000 in bonds for extending the sewer system. Noted Jan. 21.

✚**Springfield, Mo.**—Contracts for constructing sewers in Districts Nos. 35 and 30 have been awarded to JOHN SPANDRI, 520½ East Commercial St., at $11,400, and O. H. McMURRAY, Meadowbrook Pl., at $8006, respectively.

Electra, Tex.—Press reports state that the City Council contemplates constructing a sewer system.

Fort Worth, Tex.—(Official)—In a report made by Hering & Gregory, Consult. Engr., New York, to the Board of Commissioners, the construction of sewage disposal works and a refuse incinerator is recommended. Noted Oct. 8.

✚**Pecos, Tex.**—A contract for constructing the disposal plant for the municipal sewer system has been awarded to L. P. SMART, Pecos.

Drumright, Okla.—(Official)—Plans are being prepared for the construction of sewers. J. W. Klinglesmith is City Engr. Noted Feb. 11.

Oakland, Calif.—(Official)—Bids will be received until Mar. 5 by the City Council for constructing sewers in Walnut Ave. and other streets in Leona Heights District. The estimated cost is $16,500. Perry F. Brown is City Engr. Noted Feb. 11.

Ottawa, Ont.—The City Council contemplates constructing additions to the Mechanicsville sewer system. The estimated cost is $22,000. F. C. Askwith is City Engr. and John Henderson is City Clk. Noted Sept. 17.

✚**Toronto, Ont.**—A contract for constructing a sewer from the foot of Berkeley St. to Cherry St. has been awarded to D. ARNOD, at $8433.

Assiniboia, Man. (Winnipeg post office)—According to press reports, a sewer will be constructed in the Fourth Ward at an estimated cost of $133,115.

Winnipeg, Man.—Bids will be received until 11 a.m., Mar. 1, by M. Peterson, Secy., Bd. of Control, for constructing sewers in various streets.

Calgary, Alta.—The City Council contemplates laying 1356 lin.ft. of 24-in. sewer pipe in the Elboya District. George M. Craig is City Engr.

Esquimalt, B. C.—Press reports state that the City Council will construct 7½ miles of sewers. The work will be started in the spring. C. H. Topp, Pemberton Ave., Victoria, B. C., is Engr.

Vancouver, B. C.—The City Council will construct a sewer in Powell St. from Nanaimo to Slocan St. The estimated cost is $6000.

STREETS AND ROADS

Boston, Mass.—Bids will be received until Mar. 2 by the State Highway Commission for the construction of 4200 lin.ft. of state road in Charlton, and 6000 lin.ft. in Swansea. Arthur W. Dean, 15 Ashburton Pl., is Ch. Engr.

Springfield, Mass.—(Official)—Bids will be received until 3 p.m., Mar. 4, by F. H. Clark, Supt. of Streets and Engineering, for trap rock, sidewalk, crosswalk, sewer and well bricks, castings, curbing, vitrified clay pipe, granite blocks and wood block paving.

East Providence, R. I.—Bonds for $32,000 were sold, the proceeds of which will be used for improving highways.

Buffalo, N. Y.—(Official)—Bids will be received until 11 a.m., Mar. 4, by the Department of Public Works, for paving Moselle, Garden and Halbert St., Hazel Pl. and Alsace Ave. Francis G. Ward is Comr. of Pub. Wks.

New York, N. Y.—(Borough of Brooklyn)—Bids will be received until 11 a.m., Mar. 3, by L. A. Pounds, Borough Pres., Borough Hall, for paving Junius St. from Dumont Ave. to Livonia Ave.

Moorestown, N. J.—(Official)—Bids will be received by the Chester Township Committee until Mar. 8 for continuing the construction of the State Aid Road between Hartford and Fairview.

Newark, N. J.—(Official)—Bids will be received until 3:15 p.m., Mar. 4, by the Board of Street and Water Commissioners for improving Orange St. Morris R. Sherrard is Ch. Engr.

Trenton, N. J.—The Board of City Commissioners plans to pave sections of various streets with brick and bituminous macadam.

✚**Beaver, Penn.**—A contract for 6000 sq. yd. of brick paving has been awarded to R. V. BALDWIN, Coraopolis, Penn., at $6250. Noted Jan. 28.

★**Philadelphia, Penn.**—(Official)—Bids will be received until noon, Mar. 16, by M. L. Cooke, Dir., Dept. of Pub. Wks., for improving the Parkway from 19th St. to 22d St.

★**Pittsburgh, Penn.**—(Official)—Bids will be received until 10 a.m., Mar. 2, by the Department of Public Works for grading, paving and curbing West Liberty Ave. from Warrington Ave. to the City Line and for constructing a storm sewer. The estimated cost is $382,000.

Baltimore, Md.—Bids will be received by the Board of Awards, City Hall, at the City Register's Office, until Mar. 3 for grading, curbing and paving, with sheet asphalt, and vitrified block, on concrete base, under contract 112: Pitcher St., from Fremont to Pennsylvania Ave.; Arlington Ave., from Lexington to Lanvale St.; Arlington Ave., from Lafayette to Fremont Ave.; Popleton St., from Lexington to Franklin St.; Rutland Ave., from Monument to Eager St.; Ashland Ave., from Broadway to Chester St.; Myrtle Ave., from Lexington to George St.; Pearl St., from Saratoga St. to Pennsylvania Ave.; Druid Hill Ave. from Hoffman to McMechen St.; also intersections as follows: Patterson Park Ave. and Orleans St.; Franklin and Gilmor St.; Mulberry and Gilmor St.; Franklin and Carrollton Ave.; Mulberry St. and Carrollton Ave.; Calhoun and Fayette St.; Franklin and Schroeder St.; Calhoun and Saratoga St. The above includes 49,100 sq.yd. of sheet asphalt, 6800 sq.yd. of vitrified block and 1000 sq.yd. of granite block. R. Keith Compton is Chmn. of Paving Com.

Gate City, Va.—An election will be held Mar. 9 to vote on the question of issuing $68,000 in bonds for constructing roads.

Parkersburg, W. Va.—(Official)—Bids will be received until 3:30 p.m., Mar. 11, by the Board of Commissioners, for the sale of $200,000 in bonds for street paving. Noted Feb. 18.

Welch, W. Va.—Press reports state that the citizens of McDowell County will vote Mar. 20 on the question of issuing $165,000 in bonds for constructing roads in Big Creek Magisterial District.

Yadkinville, N. C.—The citizens of Yadkin County will vote Mar. 25 on the question of issuing $200,000 in bonds for constructing roads and bridges.

Union, S. C.—The citizens of Union County will vote Apr. 6 on the question of issuing $200,000 in bonds for constructing roads.

West Palm Beach, Fla.—An election will be held Mar. 23 to vote on the question of issuing $800,000 in bonds for constructing roads and bridges.

Shreveport, La.—The City Council contemplates paving various streets at an estimated cost of $20,000.

Dover, Tenn.—According to press reports the question of issuing $100,000 in bonds for constructing roads in Stewart County was defeated.

Louisville, Ky.—The Board of Public Works will receive bids until Mar. 1 for paving a number of streets.

Pineville, Ky.—At an election held Feb. 13 the citizens voted in favor of issuing $250,000 in bonds for constructing roads and bridges. Noted Dec. 31.

Bethesda, Ohio—Plans are being prepared by H. L. Maddock, Trust Bldg., Newark, Ohio, for the construction of two miles of road.

Cleveland, Ohio—(Official)—Bids will be received until 10 a.m., Mar. 10, by the Board of Commissioners of Cuyahoga County for improving South Kinsman Rd. E. G. Krause is Clk. of the Comrs.

Dayton, Ohio—The City Council contemplates paving Norman Ave. with brick. J. B. Harshman is City Clk. and G. C. Cummin is City Engr.

East View, Ohio—(Warrensville post office)—Bids will be received until noon, Mar. 1, by Charles E. Burger, Village Clk., for the sale of $909,962 in bonds for improving roads.

London, Ohio—Press reports state that the City Council contemplates paving Walnut St.

Mansfield, Ohio—(Official)—Bids will be received until noon, Mar. 15, by the Auditor of Richland County, for grading and macadamizing a section of the new state road in Jackson and Franklin Townships. Noted Feb. 4.

Middletown, Ohio—The City Council plans to pave Hydraulic St. and North Broadway at an estimated cost of $30,000.

Mt. Gilead, Ohio—Bids will be received until 11 a.m., Mar. 19, by the Commissioners of Morrow County for improving 2½ miles of the Mt. Gilead-Delaware Rd. C. O. Higgins is County Audr.

Mt. Vernon, Ohio—Press reports state that the Commissioners of Knox County voted in favor of issuing $71,500 in bonds for road and other improvements.

New Philadelphia, Ohio—Bids will be received until 1 p.m., Mar. 11, by R. H. Nussdorfer, County Audr., for the sale of $45,000 in bonds for constructing and improving roads.

St. Bernard, Ohio—(Official)—Bids will be received until noon, Feb. 26, by Director of Public Service, for improving Church St. from Kemper to Greenlee Ave.

Warren, Ohio—(Official)—Bids will be received until noon, Mar. 3, by the Director of Public Service, for improving sections of West Market St. and Niles Ave. George T. Hecklinger is Clk. of Bd. of Pub. Ser.

★**Angola, Ind.**—(Official)—Bids will be received until 1:30 p.m., Mar. 10, by Roy Hirst, City Clk., for curbing and paving East Maumee St. Clark F. Powers is City Engr. For details see advertisement under "Contracts to Be Let."

Benton Harbor, Mich.—(Official)—Bids were received Feb. 15 by B. Spaulding, City Engr., for paving Columbus Ave. as follows: Harry Vander Veen, Benton Harbor, $16,191, W. B. Hutchinson, $16,726 and Bean & Jones, $17,186. Noted Jan. 28.

✚**Birmingham, Mich.**—Contracts for paving Maple and Woodward Ave. have been awarded to the ANDREWS ASPHALT PAVING CO., Hamilton, Ohio, at $23,486 and $46,413, respectively.

Detroit, Mich.—The City Council contemplates paving Kirby and Melrose Ave. The estimated cost is $32,000.

✚**Royal Oak, Mich.**—A contract for paving 4¼ miles of Woodward Ave. with concrete has been awarded to the ANDREWS ASPHALT PAVING CO., Hamilton.

Saginaw, Mich.—At a recent election the citizens voted in favor of issuing $30,000 in bonds for constructing sidewalks and crosswalks. Noted Feb. 4.

Freeport, Ill.—Press reports state that about three miles of streets will be paved with brick. The estimated cost is $35,000.

✚**Milwaukee, Wis.**—The Board of Supervisors of Milwaukee County has awarded the contract for grading and paving with concrete North Fond du Lac Rd., approximately three miles, to RITZLAFF & FROEMMING, Milwaukee; and for six miles on Kilbourn Rd. to the MILWAUKEE GENERAL CONSTRUCTION CO. The county will furnish materials.

Shelboygan, Wis.—Bids will be received until Feb. 27 for paving North Fourth St. John M. Steimle is City Clk.

✚**Ottumwa, Iowa**—A contract for paving has been awarded to the KANSAS PAVING & CONSTRUCTION CO., Kansas City, Mo., at $42,310.

Minneapolis, Minn.—(Official)—Bids have been received for 175,000 sy.yd. of yellow pine creosoted wood paving blocks, 16 lb. of oil per cu.ft., delivered f.o.b. cars Minneapolis, as follows, (a) 3½-in. blocks, (b) 4-in. blocks, (c) strips: Kettle River Co., Minneapolis, Minn., (a) $1.32¼, (b) $1.5215, (c) 2c.

Republic Creosoting Co., Minneapolis, Minn., (a) $1.32½, (b) $1.4925, (c) 1⅜c.; A. W. Van Hafften, Minneapolis, Minn., (a) $1.39, (b) $1.57, (c) 2c.; U. S. Wood Preserving Co., New York, N. Y., (a) $1.48, (b) $1.69; Chicago Creosoting Co., Chicago, Ill., (a) $1.50, (b) $1.70, (c) 2¾c.

Missoula, Mont.—(Official)—Bids will be received until 10 a.m., Mar. 10, by L. E. Harris, City Clk., for improving 10,305 sq.yd. of streets.

Wynne, Ark.—The citizens of Cross County voted in favor of issuing $100,000 in bonds for constructing roads.

Bremond, Tex.—(Official)—Bids will be received until 10 a.m., Mar. 5, by S. M. Peters, Secy. of Bd. of Rd. Comrs., for constructing a system of roads and bridges in Bremond, District No. 5.

✚McKinney, Tex.—A contract for paving 25,000 sq.yd. with 2-in. asphaltic concrete has been awarded by the City Council to the KAW PAVING CO., Kansas City, Mo.

✚Palo Pinto, Tex.—According to press reports, a contract for improving 36.7 miles of road in District No. 1 has been awarded by the Commissioners of Palo Pinto County to CLYNES & DUNCAN, Newark, N. J., at $96,600.

✚San Marcos, Tex.—A contract for constructing 6½ miles of the Nacogdoches Rd. has been awarded to A. M. CLOPTON, at $5527.

Taylor, Tex.—The City Council contemplates holding an election for the purpose of voting on the question of issuing $100,000 in bonds for street paving.

Victoria, Tex.—An election will be held Mar. 23 to vote on the question of issuing $30,000 in bonds for improving streets. Noted Feb. 11.

Pocatello, Idaho—The City Council contemplates grading and paving in Local Improvement District No. 12. The estimated cost is $50,000.

✚Prosser, Wash.—The contract for improving the Kennewick-Finley Rd. has been awarded to WILLIAM MORAIN, at $18,420. Noted Jan. 28.

✚Eagle Rock, Calif.—A contract for improving a portion of Sycamore Ave. and other streets has been awarded to T. E. SHAFER, at $33,986.

Fullerton, Calif.—At a recent election the citizens voted in favor of issuing $36,000 in bonds for paving. Noted Dec. 10.

Monrovia, Calif.—Bonds for $15,000 were sold, the proceeds of which will be used for improving streets.

✚Porterville, Calif.—A contract for asphalt paving has been awarded to the FEDERAL CONSTRUCTION CO., San Francisco, Calif.

Stockton, Calif.—Bids will be received until Mar. 2 by the Board of Supervisors of San Joaquin County for improving about five miles of the Upper Sacramento Rd.

✚Maisonneuve, Que.—A contract for grading and paving streets has been awarded to QUINLAN & ROBERTSON, 50 Notre Dame St. W., Montreal, Que., at $96,000.

INDUSTRIAL WORKS

Allston, Mass.—(Boston post office)—Plans are being prepared by John C. Spofford, Arch., for the construction of a five-story fireproof warehouse on Harvard Ave. for W. Stanley Tripp, 195 Milk St., Boston.

Boston, Mass.—The Salada Tea Co., 35 South Market St., will construct a five-story mercantile building at Berkeley and Stuart St. Densmore & Le Clear, 88 Broad St., is Arch. and Engr.

Lowell, Mass.—The United States Cartridge Co. will construct two buildings at its plant. One will be one story, 45x400 ft., and the other one story, 90x400 ft. Lockwood, Greene & Co., 60 Federal St., Boston, is Engr.

✚Providence, R. I.—WILLIAM WILLIAMS, 86 Weybosset St., has been awarded the contract for the construction of four additional stories to building No. 5 of the Brown & Sharpe Mfg. Co.

✚Providence, R. I.—C. I. BIGNEY CONSTRUCTION CO. has been awarded the contract for the construction of a two-story, 50x60 ft. plant for the Dolby Ice Cream Co. Frank Elwood Brown, 47 Orange St., New Haven, Conn., is Arch. Noted Feb. 18.

✚Bridgeport, Conn.—The contract for the construction of a one-story, 65x352-ft. fireproof factory on Boston Ave. for the Union Metallic Cartridge Co. has been awarded to JAMES STEWART & CO., INC., 30 Church St., New York, N. Y. Noted Nov. 12.

✚Bristol, Conn.—The TORRINGTON BUILDING CO., Torrington, has been awarded the contract for the construction of a 80x100-ft. rolling mill, a 30x30-ft. boiler house and a 30x30-ft. pickling house for the Wallace Barnes Co.

✚New Haven, Conn.—The National Folding Box & Paper Co. has awarded the contract to the SPERRY ENGINEERING CO., 82 Church St., for the construction of a five-story, 100x350-ft. plant at Alton and James St. Estimated cost, $150,000. Noted Jan. 28.

✚Buffalo, N. Y.—The Lackawanna Steel Co. has awarded the contract to the OTTO COKING CO., INC., 6 Church St., New York, for the construction of a benzol plant in connection with its byproduct coke ovens. C. H. McCullough, Jr., is Vice-Pres. and Gen. Mgr. of the Lackawanna Steel Co.

Buffalo, N. Y.—Bids are being received by G. Morton Wolfe, Arch., 638 Ellicott Square Bldg., for the construction of a two-story, 40x120-ft. addition to the warehouse of the Eureka Coffee Co., Michigan Ave. and Fulton St.

New York, N. Y.—(Borough of Brooklyn)—Press reports state that the West Street Improvement Co., 85 Commercial St., will construct four six-story fireproof warehouses on Commercial St., Greenpoint. The estimated cost is $2,500,000. Cass Gilbert, Arch., 11 East 24th St., New York, has prepared plans.

New York, N. Y.—(Borough of Manhattan)—Buchanan & Fox, Arch., has prepared plans for the construction of a 10-story, 64x80-ft. storage and office building at 703-723 East 13th St. for the Eagle Pencil Co. The estimated cost is $150,000.

Poughkeepsie, N. Y.—Plans have been prepared by W. J. Beardsley, Arch., Market St., for the construction of a two-story, 45x80-ft. and a two-story, 140x191-ft. factory for Smith Bros. The estimated cost is $140,000. Noted Dec. 10.

Tuckahoe, N. Y.—(Official)—W. L. Stoddard, Arch., 9 East 40th St., New York, informs us that construction will be started about Apr. 1 on the four-story, 50x100-ft. plant and a 50x70-ft. wing for the Hodgman Rubber Co., 806 Broadway, New York. The estimated cost is $75,000. Noted Feb. 18.

Utica, N. Y.—Bids will soon be received for the construction of a three-story, 75x175-ft. storage and stable building for the West End Brewing Co. J. C. Schultz, 1370 Main St., Buffalo, is Arch.

Utica, N. Y.—James F. Leah, 411 John St., will construct a three-story, 60x160-ft. laundry and a 50x70-ft. power house. Charles Klehm, Engr., Gardner Blk., is preparing the plans.

✚Passaic, N. J.—(Official)—The MAC ARTHUR CONCRETE PILE & FOUNDATION CO., 11 Pine St., New York, N. Y., has been awarded the contract for the construction of the foundation, including piles and reinforced-concrete cappings, for the pan house and extension to the boiler house of the Paterson Parchment Paper Co., Passaic. W. W. Christie, Paterson, is Engr.

Irwin, Penn.—The Pennsylvania Electrical & Mfg. Co. will rebuild its plant recently destroyed by fire. The estimated cost is $75,000.

Mercer, Penn.—The Reznor Mfg. Co. will construct a four-story, 60x260-ft. addition to its plant. The estimated cost is $175,000. Edsal Barr, Erie, is Arch.

✚Philadelphia, Penn.—The BELMONT IRON WORKS, 22d St. and Washington Ave., has been awarded the contract for the construction of an addition at 24th and Wood St. for the Ford & Kendig Co., 312 North 24th St.

Philadelphia, Penn.—Plans have been prepared for the construction of a two-story, 50x100-ft. warehouse at 35th and Hastings St. for the Philadelphia Rendering Co. Alfred Weeks, 1433 Chestnut St., is Engr.

Shenandoah, Penn.—Koelle, Speth & Co., Arch., 26th and Oxford St., Philadelphia, is preparing plans for the construction of a four-story, 34x56-ft. storage house for the Columbia Brewing Co. The estimated cost is $40,000.

Crozet, Va.—Tentative plans and specifications will soon be received by the Crozet Ice & Cold Storage Co. for the construction of a five-story reinforced-concrete cold-storage plant.

Vinton, La.—See item under "Water Supply—Irrigation."

Ashland, Ohio—Plans are being prepared by the Osborn Engineering Co., 740 Engineers Bldg., Cleveland, for the construction of a three-story, 80x120-ft. factory for the Faultless Rubber Co. The estimated cost is $30,000. C. E. Campbell is Gen. Mgr. of the company.

✚Cleveland, Ohio—The Falk-Feierstein & Co., 1540 West Third St., has awarded the contract to SAMUEL AUSTIN & SON CO., 14230 Euclid Ave., for the construction of a two-story, 50x150-ft. factory at Superior Ave. and East 21st St.

Collingwood, Ohio—The Carey Co., 1396 West Ninth St., Cleveland, contemplates the construction of a 65x135-ft. warehouse and office building. The estimated cost is $75,000.

Painesville, Ohio—The Ohio Cast Steel Co., Cleveland, has purchased a site and plans to construct a plant.

Springfield, Ohio—Bids are being received by Ray Burnette, Mgr., of Inskeep Mfg. Co., for the construction of a two-story, 70x100 ft. plant at Western Ave. and Main St.

Detroit, Mich.—Albert Kahn, Arch., Trussed Concrete Bldg., has prepared plans for the construction of a four-story reinforced-concrete factory on Scotten Ave. for the Menzies Shoe Co., 431 Gratiot Ave. The estimated cost is $80,000.

Mooseheart, Ill.—The Board of Governors of the Loyal Order of Moose has appropriated $350,000 for the construction of a machine shop, foundry and printing plant. James J. Davis, M. M. Garland, Pittsburgh, Penn., and John J. Lentz, Columbus, Ohio, are Members of Bd.

Denmark, Wis.—Bids will soon be received by John Enz, Pres. of the Denmark Condensed Milk Co., for the construction of a two-story, 60x100-ft. plant. The estimated cost is $10,000. Noted Oct. 15.

✚Milwaukee, Wis.—Contracts were awarded by H. W. Buemming, Arch., 521 Jackson St., for the construction of a factory and warehouse on Milwaukee near Buffalo St. for C. B. Leidersdorf Tobacco Co., 270 Broadway, as follows: DAHLMAN CONSTRUCTION CO., concrete work; F. LUENZMANN CONSTRUCTION CO., carpentry. Noted Jan. 28.

Milwaukee, Wis.—The B. J. Johnson Soap Co., Fourth and Fowler St., will construct a six-story, 123x130-ft. factory and warehouse on Fowler, between Fourth and Fifth St. W. B. Johnson is Secy.

Layton, Utah—(Official)—Construction will begin Mar. 1 on the three-story addition to the Layton Sugar Co. J. Milton Dyer, 825 Cuyahoga Bldg., Cleveland, Ohio, is Arch. Noted Feb. 11.

Murray, Utah—J. W. McHenry, Pres. of Salt Lake County Commercial Club, is interested in the construction of a plant near 16th St. S., for the manufacture of terra cotta and porcelain ware. The estimated cost is $60,000.

Spokane, Wash.—The Fairmont Creamery Co. will construct a plant at 120 West Pacific Ave. Estimated cost, $10,000. A. H. Holcomb is Resident Mgr.

Benicia, Calif.—The Benicia Tannery will construct a tannery to cost about $20,000.

✚San Francisco, Calif.—The contract for the construction of a two-story reinforced-concrete warehouse for the Sperry Flour Co., 332 Pine St., has been awarded to the CLINTON FIREPROOFING CO., Mutual Bank Bldg. Estimated cost, $30,000.

✚San Francisco, Calif.—ONWARD INVESTMENT CO., at $41,450, has been awarded the contract for the construction of a two-story addition to the bakery of Berhard Langendorf, 878 McAllister St. Noted Jan. 14.

San Francisco, Calif.—Plans have been prepared by Cunningham & Politer, Arch., First National Bank Bldg., for the construction of a one-story, 137x137-ft. transfer warehouse at Jones and Eddy St. for Walter E. Dean. Estimated cost, $30,000.

Toronto, Ont.—The Butterick Publishing Co., Spring and Macdougal St., New York, N. Y., will construct a five-story, 50x200-ft. printing plant on Wellington St.

Toronto, Ont.—The Rudd Paper Box Co., Richmond St., West Toronto, plans to rebuild its plant recently destroyed by fire. The estimated cost is $30,000.

FEDERAL GOVERNMENT WORK

Roadwork—Newport, R. I.—Plans are being prepared by the Bureau of Yards and Docks, Navy Dept., for the construction of roads and walks at the Governor's Landing, Newport Naval Torpedo Station.

✚Post Office—Stamford, Conn.—The contract for the construction of a post office at Stamford has been awarded to the CHARLES McCAUL CO., 1715 Sansom St., Philadelphia, Penn., at $118,270. Noted Feb. 4.

Demolishing Building—New York, N. Y.—Bids will be received until 2 p.m., Mar. 16, by Oscar Wenderoth, Superv. Arch., Treasury Dept., Washington, D. C., for demolishing and removing the front building of U. S. Assay Office.

✚Dredging—New York, N. Y.—The following are the bids received for dredging in the Harlem River, N. Y.: R. G. PACKARD CO., Bayonne, N. J., $26,220 (awarded contract); John H. Sealy, $31,050; Coastwise Dredging Co., $30,935; P. Sanford Ross, Inc., $44,275; Maryland Dredging & Contracting Co., $32,200; Morris & Cummings Dredging Co., $27,312. Noted Jan. 14.

✚Post Office—Morristown, N. J.—The contract for constructing the post office at Morristown has been awarded to the CHARLES McCAUL CO., 1715 Sansom St., Philadelphia, Penn., at $102,815. Noted Oct. 22 and Dec. 10.

Post Office—Plainfield, N. J.—Bids will be received by Oscar Wenderoth, Superv. Arch., Treasury Dept., Washington, D. C., until 3 p.m., Apr. 2, for the construction of a one-story stone post office at Plainfield.

★Stone and Riprap—Philadelphia, Penn.—Bids will be received by the Lighthouse Inspector, Philadelphia, until 2 p.m., Mar. 11, for furnishing and depositing 1000 tons of broken stone and 2100 tons of riprap at the Brandywine Shoal Light Station, Delaware Bay.

★Bridge—Washington, D. C.—Bids were received for the substitution of a through span for deck span in the Pennsylvania Ave. bridge across the Anacostia River, Washington, as follows: Penn Bridge Co., Beaver Falls, Penn., $6740; M. F. Comer & Co., Washington, D. C., $11,900; Phœnix Bridge Co., Philadelphia, Penn., $9455. Noted Jan. 21.

Building—Radio, Va.—Plans and specifications are being prepared by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for the construction of an office building at Radio, in connection with the Arlington wireless station situated there.

Post Office—Live Oak, Fla.—Bids will be received until 3 p.m., Apr. 6, by Oscar Wenderoth, Superv. Arch., Treasury Dept., Washington, D. C., for the construction of a post office at Live Oak.

★✚Dam, Building, Etc.—Harrisonburg, La.—The contract for building Dam No. 2, a lockmaster's dwelling, etc., on the Ouachita River at Harrisonburg has been awarded to the MILLER ENGINEERING CO., Little Rock, Ark., at $115,848.

★Dipper Dredge—Duluth, Minn.—Bids will be received by Maj. E. D. Peek, U. S. Engineer Office, Duluth, until 10 a.m., Mar. 26, for constructing and delivering the steel hull, 4½-yd. dipper dredge, "Col. D. D. Gaillard."

Hospital—Redlake, Minn.—The following are the bids received for constructing a hospital at the Red Lake Agency: National Contracting Co., Alexandria, Minn., $20,468; Frank L. Johnson & Co., Duluth, Minn., $23,769; W. D. Lovell, Minneapolis, Minn., $20,480; S. H. Marshall, Minneapolis, Minn., $23,072. Noted Jan. 28.

Addition to Post Office—Lincoln, Neb.—The following are the bids reecived for building an addition to the post office at Lincoln: George W. Stiles Construction Co., Chicago, Ill., $243,660; M. Yeager & Son, Danville, Ill., $215,698; J. W. Wiese, Omaha, Neb., $213,720; W. G. Assermacher & Co., Lincoln, Neb., $246,800; Dieter & Wenzel Construction Co., Wichita, Kan., $224,944; Campbell Building Co., of Utah, Salt Lake City, Utah, $231,816; Walter Peterson, Omaha, Neb., $244,000; F. P. Gould & Son, Inc., Omaha, Neb., $245,000; J. P. Cullen Construction Co., Janesville, Wis., $234,500. Noted Jan. 7.

✚★Earthwork—Great Falls, Mont.—The contract for earthwork on the Greenfields Distribution System, Greenfields, South and Mill Coulee Canals, which involves about 385,000 cu.yd. of excavation, has been awarded to O'CONNOR & HELEAN, Great Falls, at $43,691. Noted Nov. 26 and Jan. 7.

✚★Bridge—Great Falls, Mont.—The contract for erecting one highway and pipe bridge for the St Mary Storage Unit, Milk River Project, has been awarded to the MINNEAPOLIS BRIDGE CO., Minneapolis, Minn., at $8824. Noted Dec. 17 and Feb. 4.

✚Earthwork—Elsberry, Mo.—The contract for constructing 100,000 cu.yd. of earthwork in the Elsberry drainage district has been awarded to the WILLIAM J. CALLAHAN CONSTRUCTION CO., Elsberry, Mo., at $13,480. Noted Jan. 21.

✚Jetty Construction—Lone Tree, Wash.—The contract for delivering stone for jetty construction at Lone Tree has been awarded to the CASCADE CONTRACTING CO., Portland, Ore., at $60,550. Noted Jan. 28.

Bungalows—Mare Island, Calif.—(Vallejo post office)—Bids were received for the construction of two bungalows to be used as Marine Officers' Quarters at the Mare Island Navy Yard, as follows: Monson Bros., 1907 Bryant St., $7800; A. T. Spence, 180 Jessie St., $8964; Pringle Dunn & Co., 338 Pine St., $8245; George W. Boxton & Son, Hearst Bldg., $7372; Gutleben Bros., New Call Bldg., $7932. (Above bidders are of San Francisco, Calif.); W. G. Thornallay, 565 16th St., Oakland, Calif., $7290; S. J. Weekes, Vallejo, Calif., $6975.

Repairs to Vessel—San Francisco, Calif.—Bids will be received by the Lighthouse Inspector until 2 p.m., Mar. 1, for docking and repairing the lighthouse tender "Columbine."

MISCELLANEOUS

Dredging—Boston, Mass.—An expenditure of $75,000 for deepening the channel of the Mystic River has been recommended to the Legislature. William F. Williams is Ch. Engr. of the Harbor and Land Comn.

Fire Station—Salem, Mass.—The City Council plans to build a fire station for Engine Company No. 4.

Conduit—Hartford, Conn.—The Board of Street Commissioners has recommended that an appropriation of $110,000 be made to pay the city's share of the cost of constructing a conduit for the waters of Gully Brook. Roscoe A. Clark is City Engr.

✚Fire Alarm Signal System—Waterbury, Conn.—The City Hall Commission has awarded a contract to the GAMEWELL FIRE ALARM TELEGRAPH CO., New York, N. Y., at $17,500, for the installation of a new fire alarm signal system in connection with the construction of the new Municipal Bldg.

Signal System—Cortland, N. Y.—The Board of Fire Commissioners has passed a resolution to provide for receiving bids for the installation of a fire-alarm signaling system.

Paving Materials—New York, N. Y.—(Borough of Richmond)—(Official)—Bids will be received until noon, Mar. 2, by Charles J. McCormack, Borough Pres., Borough Hall, for furnishing various paving materials.

✚Dock—Troy, N. Y.—The Troy Gas Co. has awarded a contract for the construction of a 250-ft. dock in the rear of its works on Smith St. to the GREAT LAKES DREDGE & DOCK CO., Albany, at about $20,000.

★Excavator—Atlantic City, N. J.—(Official)—The Board of Commissioners will receive bids until Mar. 11, for furnishing one drag line or slack line excavator, having a capacity of 800 cu. yd. per day. Harry Bacharach is Dir. Parks and Pub. Property. For details see advertisement under "Contracts To Be Let."

Elimination of Grade Crossing—Cranford, N. J.—The Board of Public Utility Commissioners has ordered the removal of the grade crossing at Union Ave. on the Central R.R. of New Jersey. The work is to be done by the railroad company and in accordance with plans proposed by Cranford Township. The estimated cost is $420,000.

✚Foundations—Chester, Penn.—The contract for the concrete pile foundations for the coke bin and coal unloading pocket at the plant of the Philadelphia Suburban Gas & Electric Co. has been awarded to the McARTHUR CONCRETE PILE & FOUNDATION CO., 11 Pine St., New York, N. Y. R. C. Cornish is Engr.

Motor Fire Apparatus—Hanover, Penn.—Bids will be received until 6 p.m., Mar. 10, by Frank C. Rowe, Secy., Hanover Township Comrs., for furnishing the Fire Department with two motor-driven chemical and hose trucks of not less than 50 hp.

Zoölogical Building—Philadelphia, Penn.—See item under Buildings.

★✚Cargo Doors—Philadelphia, Penn.—(Official)—The Department of Wharves, Docks & Ferries has awarded the contract for erecting cargo doors at Piers 38 and 40 to the J. E. OGDEN CO., 147 Cedar St., New York, N. Y., at $38,500. Noted Dec. 24, Jan. 14.

✚Marine Ways—Sparrows Point, Md.—The Maryland Steel Co. has awarded the contract for the construction of marine launching ways, 50x600 ft., concrete bulkhead, to the RAYMOND CONCRETE PILE CO., New York, N. Y. The estimated cost is $50,000.

Drainage—Bartow, Fla.—The Peace Valley Drainage District Commissioners have had plans prepared for draining 40,000 acres of land. The specifications call for the construction of a 9-ft. main ditch, 22 miles in length, and various laterals. The total excavation is about 2,000,000 cu.yd. The estimated cost is $275,000. C. G. Elliott, 700 10th St., N. W., Washington, D. C., is Engr.

Seawall—Bay St. Louis, Miss.—The Seawall Commissioners are preparing to issue bonds for $60,000, the proceeds to be used for constructing a seawall in the gulf.

✚Drainage—Chester, Miss.—The contract for ditch work in the Big Black Drainage District No. 1 has been awarded to N. C. McGINNIS & CO., Memphis, Tenn., at $68,000.

Dredging—Cleveland, Ohio—Bids will be received until noon, Feb. 25, at the office of the Commissioner of Purchases and Supplies, Room 511, City Hall, for dredging in the Cuyahoga River. Robert Hoffman, 405 City Hall, is City Engr.

★Asphaltic Cement—Lansing, Mich.—(Official)—Bids will be received until 4 p.m., Mar. 29, by John McClellan, City Clk., for furnishing asphaltic cement.

Drain—Walkerville, Mich.—Bids will be received until 2 p.m., Mar. 4, by the County Drain Commissioners, Oceana and Newaygo Counties, for the construction of the Beaver Drain. Total length, about 38,500 ft. Orley A. Rhodes, Grant, Mich., is Drain Comr. of Newaygo County.

Dredging—Grand Rapids, Wis.—Bids will be received until 11 a.m., Mar. 1, by B. C. Chandos, Secy., Woods County Drainage District No. 5, for 17½ miles of dredge work.

Docks—La Crosse, Wis.—An ordinance will soon be introduced into the Council providing for the establishment of harbor lines; for the appointing of a harbor commission and for a bond issue of $50,000 for the construction of municipal docks.

✚Park Improvements—Milwaukee, Wis.—The Board of Park Commissioners has awarded the contract for unit No. 2 of the Washington Park grandstand and field building to the NORTH-WESTERN CONCRETE CO., Milwaukee, at $17,885. The complete cost will be $50,000. A. C. Clas, Colby-Abbot Bldg., is Arch.

Ditch—Northwood, Iowa—(Official)—Bids will be received until 10 a.m., Mar. 4, by C. N. Urdahl, County Audr., for the construction of drains and ditches in Drainage District No. 9. The work consists of 3752 cu.yd. of earth excavation and laying about 54,000 ft. of 6- to 24-in. tile.

+Ditches—Fairmont, Minn.—The County Commissioners have awarded the following contracts for constructing ditches: Judicial Ditch No. 28, ANTON JEFSON, Clear Lake, Iowa, at $41,700; Judicial Ditch No. 42, J. S. R. HANSEN, Northwood, Iowa, at $21,450; Judicial Ditch No. 44, MARKLAND & CO., Fairmont, Iowa, at $12,500. Noted Feb. 4.

Canal—Salt Lake City, Utah—The City Commissioners have decided to extend the surplus canal two miles farther toward the Great Salt Lake. One-half will be completed this year, the other, next year. The estimated cost is $12,000.

Dock—Hoquiam, Wash.—The Grays Harbor Port Commission has had plans prepared for a 150x1250-ft. dock, to cost about $75,000.

+Dikes and Ditches—Kelso, Wash.—The contract for constructing ditches and dikes for Diking District No. 2, about 450,000 cu.yd. of earth excavation, has been awarded to COLLIER & STEVENSON, Salem, Ore., at 7.84c. per cu.yd. G. T. Hogg, State Bank Bldg., Kelso, is Secy. Noted Feb. 4.

Seawall and Paving—Seattle, Wash.—Plans have been completed by A. H. Dimock, City Engr., for constructing a seawall along Railroad Ave., between Madison and Washington St., and for paving along the same. The estimated cost is $120,000.

Pleasure Pier—Redondo Beach, Calif.—The city plans to vote $121,000 in bonds, the proceeds to be used in constructing a municipal pleasure pier.

Fire Station—San Francisco, Calif.—The City Department of Architecture is preparing plans for a fire station to be erected on Powell St. The estimated cost is $40,000.

BUILDINGS

Other items relative to Building Construction will be found under the following headings: "Industrial Works;" "Federal Government Work" and "Miscellaneous"

Agawam, Mass.—The Board of Education contemplates the construction of a high school. Estimated cost, $70,000. Walter E. Gushee is Supt. of Schools.

Boston, Mass.—C. A. & F. N. Russell, 50½ Warren St., is preparing plans for the construction of a fireproof apartment block on Seaver St. for the Parker Estate. Estimated cost, $100,000.

Lynn, Mass.—Plans are being prepared by Edwin Earp, Arch., 333 Union St., for the construction of a three-story building for nurses. Estimated cost, $60,000.

Southbridge, Mass.—Plans are being prepared by Samuel Macintosh, Providence, R. I., for the construction of a theater for Thomas F. Murphy. Estimated cost, $75,000.

Springfield, Mass.—Bids will soon be received for the construction of a seven-story building on Chestnut near Bridge St. for the Y. M. C. A. Estimated cost, $93,000. H. A. Moseley is Chn. Bldg. Comn. Noted Jan. 21.

Greenwich, Conn.—Bids will be received about Mar. 1 for the construction of a three-story building for the Greenwich Hospital Association. Estimated cost, $250,000. Carrere & Hastings, 225 Fifth Ave., New York, N. Y., is Arch.

+Meriden, Conn.—The contract for the construction of a school and convent building for St. Stanislaus Church has been awarded to the H. WALES LINES CO. Estimated cost, $100,000.

Wallingford, Conn.—Plans are being prepared by Charles L. Palmer, 189 Church St., New Haven, for the construction of a three-story building for the Masonic Charity Foundation of Connecticut. Estimated cost, $60,000. Wallace S. Moyle, 129 Church St., New Haven, is Pres. of the Foundation.

Buffalo, N. Y.—Bids will be received by Max A. Beievl, German American Bank Bldg., for the construction of a three-story club house at 500 Delaware Ave. for the Knights of Columbus. Estimated cost, $80,000.

New York, N. Y.—(Borough of Bronx)—Plans are being prepared by the Kreymborg Architectural Co., 1029 East 163rd St., for the construction of four five-story apartment houses at 184th St. and Grand Concourse for P. J. Dwyer Building Co., 1879 Southern Blvd. Estimated cost, $200,000.

New York, N. Y.—(Borough of Bronx)—John Hauser, 360 West 125th St., is preparing plans for the construction of a five-story apartment house at Vermilye Ave. and 207th St. for G. L. Lawrence, 2228 Broadway. Estimated cost, $100,000.

+New York, N. Y.—(Borough of Manhattan)—The general contract for the construction of an 11-story store and office building on Broadway, between 41st and 42nd St., for Brokaw Bros., Astor Pl. and Fourth Ave., has been awarded to A. L. MORDECAI & SON, 30 East 42nd St. Estimated cost, $500,000. Noted Jan. 28.

+New York, N. Y.—(Borough of Manhattan)—According to press reports, the general contract for constructing a six-story addition to the Lambs Club, at 134 West 44th St., has been awarded to BROWN BROS., INC. Estimated cost, $250,000. George Albree Freeman, 311 Madison Ave., is Arch.

New York, N. Y.—(Borough of Manhattan)—Plans are being prepared by Louis E. Jallade, Arch., 37 Liberty St., for the construction of a seven-story, 60x140-ft. building at Lenox Ave. and 124th St. for the Y. W. C. A., 600 Lexington Ave. Estimated cost, $300,000.

New York, N. Y.—(Borough of Manhattan)—Maynicke & Franke, Arch., 25 East 26th St., is preparing plans for the construction of a 22-story building on 42nd St., between Eighth and Ninth Ave., for C. H. Darmstadt. Estimated cost, $1,500,000.

New York, N. Y.—(Borough of Manhattan)—Plans are being prepared by George F. Pelham, 30 East 42nd St., for the construction of two five-story apartment houses on Academy St. near Broadway for the Hudson Investing Co. Estimated cost $120,000.

New York, N. Y.—(Borough of Manhattan)—(Official)—Bids will be received until noon, Mar. 5, by the Board of Trustees, Bellevue Hospital, 415 East 26th St., for making the necessary alterations to the main building of the Harlem Hospital, Lenox Ave. and 135th St. Noted Feb. 4.

New York, N. Y.—(Borough of Manhattan)—Plans have been prepared by Alfred Freeman, Arch., for the construction of an eight-story building at Fifth Ave. and 48th St. for Frank Bros. Estimated cost, $50,000.

New York, N. Y.—(Borough of Manhattan)—Plans have been prepared by George F. Pelham, Arch., for the construction of a 12-story apartment house at Broadway and 89th St. for the West Side Construction Co. Estimated cost, $200,000.

New York, N. Y.—(Borough of Manhattan)—(Official)—Bids were received Feb. 18 by the State Hospital Commission, Albany, for the construction of buildings at the Manhattan State Hospital, Wards Island, as follows: (a) for 100 patients, (b) for 150 patients, (c) for 200 patients, Emerson Construction Co., New York, (a) $104,100, (b) $118,500, (c) $141,000; Peter Keeler Building Co., Albany, (a) $106,522, (c) $149,222; George B. Willis & Co., Inc., New York, (a) $107,687; DeKimpe Construction Co., Hoboken, N. J., (b) $124,000; John T. Brady & Co., New York, (b) $124,840; John H. Parker Co., New York, (c) $144,567. Noted Dec. 10.

+New York, N. Y.—(Borough of Queens)—The general contract for the construction of P. S. No. 93 at Forest and Putnam Ave., Glendale, has been awarded to the FRANK J. FELGENHAUER CO., INC., 4 Court Sq., Brooklyn, N. Y. Estimated cost, $434,000.

Orchard Park, N. Y.—The Board of Education contemplates the construction of a two-story school. Estimated cost, $50,000. M. Pierce is Chn. of Bd.

Ossining, N. Y.—According to press reports, the Ways and Means Committee of the Assembly has decided in favor of constructing a cell house at Sing Sing Prison. Estimated cost, $750,000.

Saratoga Springs, N. Y.—(Official)—Bids will be received about Mar. 8 by Ludlow & Peabody, 101 Park Ave., New York, N. Y., for the construction of a two-story terminal building for the Hudson Valley R.R. Co. Noted Feb. 11.

Syracuse, N. Y.—Preliminary plans have been prepared by Taylor & Bonta, Arch., Gurney Bldg., for the construction of a three-story building at 407 West Fayette St. for the University Club, Larned Bldg. Estimated cost, $50,000.

Collingswood, N. J.—(Camden post office)—Plans are being prepared by Clyde S. Adams, Arch., Philadelphia, for the construction of a two-story, 55x100-ft. school. Estimated cost, $75,000.

Jersey City, N. J.—Benjamin Gorlin plans to construct a 14-story apartment house at Ocean Ave. and Wegman Pl. Estimated cost, $70,000.

+Ridgefield Park, N. J.—The contract for the construction of a two-story parochial school for St. Francis R. C. Church has been awarded to JOHN J. EGAN, 523 Jersey Ave., Jersey City, N. J. Estimated cost, $50,000. Noted Dec. 31.

+Short Hills, N. J.—The town has awarded the contract to FRED KILGUS, INC., 13 South Sixth St., for constructing a school to cost about $40,000.

+Swedesboro, N. J.—The contract for the construction of a two-story building for the Swedesboro National Bank has been awarded to HENRY Q. BROWN, 1714 Sansom St., Philadelphia, Penn. Estimated cost, $40,000. Noted Nov. 19.

West New York, N. J.—(Weehawken post office)—Plans are being prepared by Gregory B. Webb, 104 West 42nd St., New York, N. Y., for the construction of a two-story school at 22nd St. and Jackson Ave. for St. Mary's R. C. German Church. Estimated cost, $50,000.

Woodstown, N. J.—The lowest bid received for the construction of a two-story school was that of Alexander Chambley, at $74,250. Albert W. Dilks, Mutual Life Bldg., Philadelphia, Penn., is Arch.

Ardmore, Penn.—According to press reports, Cassia Lodge No. 273 F. and A. M. is considering plans for a building to cost $50,000.

+Myerstown, Penn.—The contract for the construction of a two-story school has been awarded to the BEARD CONSTRUCTING CO., Reading, Penn., at $43,300. E. Z. Scholl, Reading, is Arch.

Philadelphia, Penn.—Plans are being prepared for the construction of two four-story wings to the La Salle College, Broad and Stiles St. Estimated cost, $100,000.

+Philadelphia, Penn.—The contract for the construction of a building at 34th St. and Girard Ave. for the Philadelphia Zoölogical Society has been awarded to J. C. CORNELL, Land Title Bldg., at $55,000. Miller & Meigs, 205 S. Juniper St., is Arch.

+Philadelphia, Penn.—The contract for the construction of a nine-story commercial building at 13th and Appletree St. for Louis A. Belmont, has been awarded to CRAMP & CO. Estimated cost, $300,000. Charles E. Oelschlager is Arch.

Philadelphia, Penn.—Plans are being prepared by Wilson, Eyre & McIlvaine, Arch., for the construction of a two-story 40x90-ft. building on Kensington and Indiana Ave. for the McPherson Park Branch of the Philadelphia Free Library. Estimated cost, $40,000.

South Bethlehem, Penn.—Plans are being prepared by A. W. Leh, Arch., for the construction of a three-story, 150x156-ft. high school. Estimated cost, $185,000.

Frederick, Md.—Plans are being prepared by J. B. Hamme, York, Penn., for the construction of a building for Hood College. Estimated cost, $65,000.

Washington, D. C.—Bids will soon be received for the construction of a two-story, 100x216-ft. school. Estimated cost, $135,000. Snowden Ashford is Arch.

Washington, D. C.—Plans are being prepared by J. H. de Sibour, Hibbs Bldg., for the construction of a six-story, 100x150-ft. apartment house on Massachusetts Ave., near Du Pont Circle, for Mrs. Stanley McCormick. Estimated cost, $450,000.

Fairmont, W. Va.—Plans have been prepared by Seymour & Dairs, Sansom St., Philadelphia, Penn., for the construction of normal schools and dormitories for the State Board of Control. Estimated cost, $300,000.

✚Atlanta, Ga.—The contract for constructing the 16-story Connally Bldg. at Whitehall and Alabama St., for E. L. Connally has been awarded to the WELLS BROS CO., Washington, D. C., at $300,00.

Miami, Fla.—Preliminary plans are being prepared for the construction of a building for the Methodist Episcopal Church South. Estimated cost, $40,000. J. R. Cason is Pastor.

Camden, Tenn.—Bids will be received until Apr. 1 by A. S. Hassell, County Clk., for the construction of a two-story, reinforced-concrete, 60x100-ft. court house. Estimated cost, $40,000. Edward Dougherty, Nashville, is Arch. Noted Jan. 21.

Louisville, Ky.—L. Keller & Sons plans to construct a three-story, 125x200-ft. apartment house on Third St., between Avery and Brandeis Ave. Estimated cost, $100,000.

Alliance, Ohio—Bids will soon be received by Willard Hirsh, Arch., Swetland Bldg., Cleveland, for the construction of a building for the Alliance Hospital Association.

Cincinnati, Ohio—(Official)—Bids were opened Feb. 16 for the construction of the $2,500,000 courthouse and jail for Hamilton County. The lowest bidder for the general contract was Charles McCaul Co., Philadelphia, Penn., at $1,-999,900, granite, and $1,763,000, limestone. Lowest bids for subcontracts were as follows: McGarvey & Co., 907 Gerke Bldg., masonry, $249,677; Henry Niemes, 4112 Hamilton Ave., Northside, plumbing, heating and power plant, $123,080; Allis-Chalmers Co., West Allis, Wis., engines, generators and electric equipment, $21,690; Cincinnati Clay Products & Supply Co., 409 Johnston Bldg., metal work, $169,000; Standard Marble Works, 706 West Front St., marble, $644,000. Noted July 23, Sept. 3, Dec. 3 and 10.

Cincinnati, Ohio—The Board of Education recently purchased a 600x2000-ft. site. A three-story high school, to cost about $750,000, will be constructed on the property. C. W. Handman, care Business Dept., 511 West Court St., is Secy. of Board.

Cincinnati, Ohio—The citizens have petitioned the School Board to construct a school in the Walnut Hills Section. The estimated cost is $100,000.

Cleveland, Ohio—The Library Board has chosen seven architects to compete in a contest for the best plans for the construction of a building. The estimated cost is $1,800,000. D. F. Hamlin is professional advisor of the contest.

Cleveland, Ohio—Plans have been prepared by Walker & Weeks, Arch., 1900 Euclid Ave., for the making of additions and alterations to the New England Bldg., 627 Euclid Ave. The estimated cost is $1,250,000.

East Cleveland, Ohio—Meade & Hamilton, Arch., Garfield Bldg., has prepared plans for the construction of the Carnegie library on Euclid Ave. The estimated cost is $55,000. Noted Jan. 21.

Lancaster, Ohio—Wilbur T. Mills, Arch., Columbus, is preparing plans for the construction of the City Hospital, to cost about $50,000.

Rittman, Ohio—Bids will be received until noon, Mar. 3, by R. E. Faber, Clk. of Bd. of Education, for the construction of a school to cost about $40,000. The National Engineering Co., Marshall Bldg., Cleveland, is Engr. Noted Aug. 13 and Sept. 17.

✚Battle Creek, Mich.—The contract has been awarded to ANDERSON-STRANDBERG CO., 19 South La Salle St., Chicago, Ill., for the construction of a 1½-story building for the Old National Bank. The estimated cost is $150,000.

✚Detroit, Mich.—The contract for the construction of a 23-story, 80x128-ft. office building for the Simon J. Murphy Co., 1225 Penobscot Bldg., has been awarded to GEORGE A. FULLER & CO., 320 Penobscot Bldg. The estimated cost is $1,300,000. Donaldson & Meier, 1314 Penobscot Bldg., is Arch.

Sandusky, Mich.—The County Commissioners will rebuild the courthouse recently destroyed by fire. The estimated cost is $150,000.

✚Chicago, Ill.—The contract for the construction of the nine-story office building at Wabash Ave. and Jackson Blvd., for Lyon & Healy, has been awarded to WELLS BROS. CO., 53 West Jackson Blvd. The estimated cost is $750,000.

Chicago, Ill.—Alfred S. Alschuler, Arch., 28 East Jackson Blvd., is preparing plans for the construction of a 14-story fireproof office building on Randolph and Dearborn St. for E. Eiger & Bros., 1249 Wabash Ave. The estimated cost is $350,000.

Chicago, Ill.—The Luther Institute, 1135 South Marshfield Ave., has purchased a site at Park Ave. and Wood St. The institute will construct a seminary to cost about $100,000.

Chicago, Ill.—The Hampden Club, 2732 Hampden Court, will construct a 139x165-ft. club house at foot of Buena Ave. and the lake shore. The estimated cost is $100,000. William B. Frankenstein is Pres. and Leopold Asher is Secy.

East St. Louis, Ill.—A. B. Frankel, Arch., 264 Arcade Bldg., is preparing plans for the construction of a building for the Immanuel Evangelical Church, 1135 Gaty Ave. The estimated cost is $50,000.

Baraboo, Wis.—Bids will soon be received by Charles W. & George L. Rapp, Arch., 69 West Washington St., Chicago, Ill., for the construction of a 90x140-ft. theater and auditorium for A. Ringling. The estimated cost is $45,000.

Kenosha, Wis.—Bids will be received about Mar. 1 for the construction of a two-story lodge and assembly hall for the Kenosha Aerie No. 1055, Fraternal Order of Eagles. The estimated cost is $50,000. Joseph Lindl, 312 Main St., is Arch.

Ladysmith, Wis.—Bids will be received about Mar. 1 for the construction of a three-story, 40x100-ft. building for St. Mary's Hospital. Estimated cost, $40,000. L. T. Liebert, Wausau, is Arch. Noted Nov. 19.

Madison, Wis.—The Board of Regents of the University of Wisconsin has approved plans for the first of several dormitory buildings to be constructed for men students. The estimated cost is $135,000. M. E. McGaffrey, Administration Bldg., is Secy.

Waukesha, Wis.—It is reported that the Board of Education plans to build a new school costing from $50,000 to $70,000. August Jacobson is Secy. of Bd.

✚Muscatine, Iowa—The contract for the construction of a three-story armory has been awarded to JAMES H. SELDEN. Noted Oct. 22.

Sioux City, Iowa—Plans are being prepared by Beuttler & Arnold, Arch., Davidson Auto Blk., for the construction of the Elks Lodge at Eighth and Douglas St. The estimated cost is $70,000. Noted Jan. 14.

Sioux City, Iowa.—The Rescue Mission plans to construct a building on an island at the foot of Ninth St. The estimated cost is $50,000. James Daubney is Supt.

Sioux City, Iowa—Beuttler & Arnold, Arch., Davidson Auto Blk., is preparing preliminary plans for the construction of a four-story building at Sixth and Pierce St. The estimated cost is $100,000.

✚Duluth, Minn.—The contract for the construction of the new armory at 13th Ave. E., and London Rd. has been awarded to GEORGE H. LOUNSBERRY, Duluth, at $107,410. Noted Dec. 31 and Jan. 14.

Proctor, Minn.—Plans are being prepared by Vernon J. Price, Arch., 607 Palladio Bldg., Duluth, for the construction of a high school. The estimated cost is $90,000.

St. Paul, Minn.—Plans have been approved by the City Council for the construction of the St. Paul Union Station. The estimated cost is $15,000,000. Noted Dec. 24.

St. Paul, Minn.—(Official)—John Fishel, Grand Secy. and Recdr. of Masonic Bodies, Smith and Sixth St., informs us that it probably will be a year or more before sufficient funds are secured for the construction of a $100,000 home for the aged. Noted Feb. 11.

Arkansas City, Kan.—The Newman Dry Goods Co. will construct a four-story fireproof department store on Summit St. The estimated cost is $100,000.

Yankton, S. D.—At a recent election, the citizens voted in favor of issuing $100,000 in bonds, the proceeds of which will be used for the construction of a new school.

Williston, N. D.—Plans have been accepted for the construction of a hotel to cost about $100,000 for a corporation at Williston. R. T. Frost, Minot, is Arch.

✚Kansas City, Mo.—The Board of Education awarded contracts for the construction of three schools as follows: William Cullen Bryant School, to J. R. VANSANT CONSTRUCTION CO., at $74,950; Mark Twain School, to H. EILENBERGER & CO., 122 South Michigan Ave., Chicago, Ill., at $84,500; Kensington School, to BERT ELMER, at $85,-055. James B. Jackson, Jr., is Secy. of Bd. of Dirs.

Springfield, Mo.—Carl Boller & Bro., Arch., 7 Gayety Theater Bldg., Kansas City, Mo., is preparing preliminary plans for the construction of a theater. Estimated cost, $75,000.

El Paso, Tex.—The Y. M. C. A. contemplates the construction of an addition to its building. The estimated cost is $150,000. J. H. Nations is Pres.

Colorado Springs, Colo.—The Board of Trustees will construct a 40x250-ft. hospital at the Modern Woodmen Sanatorium. The estimated cost is $60,000. J. A. Rutledge, M. D., is Supt.

Ogden, Utah—The Federal Land & Mortgage Co. will construct an apartment house at 26th St. and Washington Ave. The estimated cost is $200,000.

Everett, Wash.—W. E. Hastings, Arch., Commerce Bldg., is preparing plans for the construction of a reinforced-concrete addition to the Monroe School. The estimated cost is $50,000.

Tacoma, Wash.—Marcus Loew, 1493 Broadway, New York, N. Y., will construct a theater. The estimated cost is $400,-000.

Walla Walla, Wash.—Robert F. Tegan, Arch., Morgan Bldg., Portland, Ore., is preparing plans for the construction of a reinforced-concrete hospital for the Sisters of St. Vincent. The estimated cost is $250,000.

Klamath Falls, Ore.—The Klamath Lodge No. 1247, B. P. O. E., will construct a building at Third and Main St. Estimated cost, $40,000. C. S. Moore is a Member of Bldg. Com.

Portland, Ore.—R. F. Wassell, D. B. McBride and A. C. Going will construct a five-story apartment house at 18th and Couch St. The estimated cost is $125,000.

Eureka, Calif.—J. P. Stevens and associates, San Francisco, contemplate the construction of a brick hotel. Estimated cost, $150,000.

✚Fresno, Calif.—The contract for the construction of the Washington School has been awarded to TREWHITT & SHIELDS, Rowell Bldg., at $103,998. W. D. Coates, Jr., Rowell Bldg., is Advisory Arch. Noted Sept. 10 and Jan. 21.

Redondo Beach, Calif.—Louis J. Baumbeck will construct a three-story brick building at Diamond and Pacific Ave. The estimated cost is $50,000. L. B. Pemberton, 807 Auditorium Bldg., Los Angeles, is Arch.

San Diego, Calif.—Plans have been prepared by A. H. Stibolt for the construction of a seven-story reinforced-concrete apartment house at 24th and B St. for the Oregon Improvement Co. The estimated cost is $300,000. T. J. Newell is Pres.

San Francisco, Calif.—The lowest bid for the construction of an academic building at the Polytechnic High School was submitted by P. F. Reilly Co., Western Planing Mills, Berry near Sixth St., at $86,906. Noted Aug. 13.

San Francisco, Calif.—Marcus Loew, 1493 Broadway, New York, N. Y., will construct a theater to cost about $1,000,000. This is one of the many theaters Mr. Loew plans to build in the West.

San Francisco, Calif.—Bliss & Faville, Arch., Balboa Bldg., is preparing plans for the construction of a two-story gymnasium on Sutter St. for the San Francisco Women's Club. Estimated cost, $40,000

London, Ont.—The Board of Education plans to construct a number of schools to cost about $200,000. R. W. Shaw is Chn. of Bd of Education.

Contracts to Be Let

Bids received until Mar. 12, 1915.

Proposals for Street Paving

Wilkes-Barre, Pa.

SEALED PROPOSALS will be received at the City Clerk's Office, Wilkes-Barre, Pennsylvania, until Friday, March 12th, 1915, at 12 o'clock Noon, for curbing and paving streets in the City of Wilkes-Barre, Pennsylvania. Bids to be submitted in accordance with specifications, copies of which may be had upon application to B. K. Finch, City Engineer, upon the payment to him of the sum of Five Dollars ($5.00), which will be refunded to bidders, provided specifications are returned to the City Engineer on or before March 15th, 1915. Bids to be submitted as follows:—For sheet asphalt in two sections, totaling about 40,000 square yards; For vitrified brick in four sections totaling about 46,000 square yards; For cobblestone in one section of 600 square yards; For vitrified brick and macadam in one section of 7,500 square yards, together with the necessary red stone, blue stone or concrete curbing. Certified bank check for Five Hundred Dollars ($500.00) to accompany each bid except for cobblestone, which will be for One Hundred Dollars ($100.00). Proposals to be endorsed "Proposals for curbing or paving" and addressed to Fred H. Gates, City Clerk. The City Council reserves the right to reject any or all bids received.

CHARLES N. LOVELAND, Superintendent,
Department of Streets and Public Improvements.

Bids received until Mar. 2, 1915.

Building Extension at State Hospital

Trenton, N. J.

Sealed proposals will be received at the office of the Governor, Trenton, N. J., until twelve o'clock noon on Tuesday, March 2nd, 1915, for furnishing all labor and material necessary for the further extension of the House of Detention for Convict and Criminal Insane at the State Hospital, Trenton, N. J., in accordance with plans and specifications on file in the office of the Commissioner of Charities and Corrections, State House, Trenton, N. J.

Each bidder must accompany his proposal with a certified check for ten per centum of the amount of his proposal, payable to his order, properly endorsed, which will be returned to the unsuccessful bidder immediately following the award of the contract.

Proposals must be enclosed in envelopes sealed and marked "Proposals for the further extension of the House of Detention for Convict and Criminal Insane at the State Hospital, Trenton."

E. I. EDWARDS,
Secretary State House Commission.

Bids received until Mar. 5, 1915.

Concrete Pavement and Bituminous Surface

Roselle Park, N. J.

Sealed proposals will be received by the Mayor and Council of the Borough of Roselle Park, N. J., for concrete pavements and appurtenances at eight thirty P.M. Friday, March fifth, 1915.

Plans and specifications may be obtained at the office of the undersigned between the hours of eight thirty A.M. and 12 M. upon payment of a deposit of $10.00, which will be refunded upon return of same.

A certified check for $500.00 must accompany each proposal.

The Council reserves the right to reject any or all proposals as may be deemed best for the interests of the Borough.

W. H. LUSTER, Borough Engineer,
286 N. Broad St., Elizabeth, N. J.

Bids received until Apr. 13, 1915.

Automatic Valves and Check Valves

DEPARTMENT OF WORKS.

Toronto, Ont.

Tenders will be received by registered post only, addressed to the Chairman of the Board of Control, City Hall, Toronto, Canada, up to noon on Tuesday, April 13th, 1915,

For the Supply of
Automatic Valves and Check Valves.

Specifications and Tender Form for the foregoing may be obtained upon application at Room 12, Purchasing and Accounting Section, of the Department of Works, City Hall, Toronto.

Envelopes containing tenders must be plainly marked on the outside as to contents.

The usual conditions relating to tendering as prescribed by City By-law must be strictly complied with, or the tenders may be declared informal.

Tenderers shall submit with their tenders the names of two personal sureties, approved by the City Treasurer, or in lieu thereof, the bond of a guarantee company, approved as aforesaid.

The lowest or any tender not necessarily accepted.

T. L. CHURCH (Mayor),
Chairman, Board of Control.

Toronto, February 8th, 1915.

Bids received until Mar. 10, 1915.

Canal and Conduit. Electrical Pumping Machinery

SALEM AND BEVERLY WATER SUPPLY BOARD

Sealed bids will be received at City Hall, Salem, Massachusetts, at ten o'clock, March 10, 1915, for the construction of additional works for water supply from the Ipswich River. Plans may be seen, and the form of proposal, specifications, contract and bond may be obtained after February 17, 1915, at the City Hall, Salem, and at the office of Hazen, Whipple & Fuller, consulting engineers, 30 East 42nd Street, New York City.

The work will be divided into two parts: The first contract includes the construction of a dredge, 120,000 cubic yards of excavation, 2870 feet of conduit and accessories. The second contract covers an electric motor driven centrifugal pump, a steam turbine driven generator, transmission line, transformers, switchboard, and wiring.

N. MATTHEWS.
P. J. KELLEY.
J. W. BLACKMER.

Salem, February 10, 1915.

Bids received until Mar. 2, 1915.

Paving and Sewer

Pittsburgh, Pa., Feb. 16, 1915.

SEALED PROPOSALS for grading, paving and curbing West Liberty Avenue, from Warrington Avenue to the City Line, and the construction of a storm sewer for the drainage thereof, will be received at the office of the City Controller, Municipal Hall, Pittsburgh, Pa., until 10:00 o'clock A.M. March 2nd, 1915. Estimated cost $382,000.00. Bids shall be made from the contract plans and specifications to be obtained at the office of the Department of Public Works, Room 432 Henry W. Oliver Bldg., upon making deposits of $5.00 and $15.00 respectively for same. Proposals must be accompanied by a bond on the form furnished by the City in the amount of $191,000.00, duly and legally executed by the bidder with a satisfactory surety or trust company which has complied with the City ordinances relating thereto.

JOSEPH G. ARMSTRONG, Mayor,
ROBERT SWAN, Director,
Department of Public Works.